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State of Iowa

1954

Report of the

State Board of Education

for the

Biennial Period Ending June 30, 1954

State University of Iowa
Iowa State College of Agriculture and Mechanic Arts
Iowa State Teachers College
Iowa Braille and Sight Saving School
Iowa School for the Deaf
State Sanatorium
State Board of Education, Central Office

TWENTY-THIRD BIENNIAL REPORT

Published by
THE STATE OF IOWA
Des Moines

LETTER OF TRANSMITTAL

HONORABLE LEO A. HOEGH, *Governor*

Sir: As provided by law, I herewith submit to you and to the members of the Fifty-Sixth General Assembly the Twenty-third Biennial Report of the State Board of Education for the period July 1, 1952 to June 30, 1954. This report is divided into three sections as follows:

Section I. This section contains the recommendations of the Board for Legislative Appropriations to the State University of Iowa, the University Hospital, the Psychopathic Hospital, the Bacteriological Laboratory, the Hospital School for Severely Handicapped Children, the Iowa State Teachers College, the Iowa State College of Agriculture and Mechanic Arts, the Iowa Braille and Sight-Saving School, the Iowa School for the Deaf and the State Sanatorium, and for the office of the State Board of Education. It also contains the observations and conclusions of the Board in regard to these institutions.

Section II. This section contains the financial needs of the institutions as presented to the State Board of Education by the Executives of the institutions.

Section III. This section contains the reports for the biennium 1952-1954 of the institutions and the Central Office of the State Board of Education.

DWIGHT G. RIDER, *President.*

Des Moines, Iowa, December 31, 1954.

STATE BOARD OF EDUCATION

OFFICERS

Dwight G. Rider, President ..... Fort Dodge
David A. Dancer, Secretary ..... Des Moines

MEMBERS

Term expires July 1, 1955

V. B. Hamilton ..... Hampton
Richard H. Plock ..... Burlington
Dwight G. Rider ..... Fort Dodge

Term expires July 1, 1957

Mrs. Willard D. Archie ..... Shenandoah
Harry H. Hagemann ..... Waverly
C. L. Fredricksen ..... Sioux City

Term expires July 1, 1959

Mrs. Frank G. Brooks ..... Mount Vernon
Roy E. Stevens ..... Ottumwa
Clifford M. Strawman ..... Anamosa

STANDING COMMITTEES

Faculty Committee: V. B. Hamilton, Mrs. Frank G. Brooks, Richard H. Plock, Roy E. Stevens, and Dwight G. Rider.

Building and Business Committee: Harry H. Hagemann, Mrs. Willard D. Archie, C. L. Fredricksen, Clifford M. Strawman, and Dwight G. Rider.

FINANCE COMMITTEE

Carl Gernetzky, chairman ..... Des Moines
David A. Dancer, secretary ..... Des Moines
Arthur Weldon Walsh ..... Des Moines

SECTION I

The recommendations of the State Board of Education for Legislative Appropriations for the 1955-57 biennium for the State University of Iowa, the University Hospital, the Psychopathic Hospital, the Bacteriological Laboratory, the Hospital School for Severely Handicapped Children, the Iowa State College of Agriculture and Mechanic Arts, the Iowa State Teachers College, the Iowa School for the Deaf, the Iowa Braille and Sight-Saving School, the State Sanatorium, and for the office of the State Board of Education, and the observations and conclusions of the Board in regard to these institutions.

Hon. Leo A. Hoegh, *Governor of Iowa,*
and Members of the Fifty-sixth General Assembly:

In presenting to you the recommendations of the State Board of Education for State appropriations for the six institutions under its control, may we first summarize, as has been the custom, matters pertaining to the membership of the Board, changes in its personnel, and some of its present problems.

Two new members were appointed by the late Governor William S. Beardsley. Mrs. Frank G. Brooks of Mount Vernon was named to succeed Mrs. George Kyseth of Clarion, and Clifford M. Strawman of Anamosa to succeed W. S. Rupe of Ames. Neither of the parties thus replaced desired reappointment. Both had served the State loyally and with exceptional ability. Robert P. Munger of Sioux City found it necessary to resign because of ill health, and C. L. Fredricksen of that city was named to succeed him. Arthur Weldon Walsh of Burlington was employed by the Board as the third member of the Finance Committee, thus filling a position which had long been vacant, and assisting in carrying the heavy load of work which falls upon our office personnel. It is worthy of note that in spite of a far greater volume of work, caused in large part by new governmental requirements, our office staff has not been increased.

The past two years have brought closer the necessity of a decision by the people of the State of Iowa as to whether the educational institutions of the State are to act under a free and independent agency,—free from political pressure, like the school boards of our local communities,—as was the contemplation 45 years ago, when the State Board of Education was created, or are to be thrown back into the position where their policies and their management are under the control of people not familiar with their problems and not charged with the responsibility of their management. The underlying principle is much deeper than a dispute about pre-auditors or reversion of funds. As now practiced, it makes the State Comptroller the judge of educational policy. It is entirely beside the point to say that of course no Comptroller would exercise that power. So long as the power is there, no one can predict who will or will not exercise it. Under present practices, all that is necessary is for the pre-auditor, acting under the Comptroller, to decide that the requisition of an institution for the payment of allotted funds is not in accord with his ideas, for whatever reason, and the operation of that institution is either curtailed or suspended.

Certainly neither the Board nor the institutions under its control have any objections to audits. Audits are accepted and good business practice. Our larger institutions are under almost continuous post-audit, and all are carefully audited by the office of the Auditor of State. In addition, all make reports to the Comptroller at periods and on forms prescribed by him. And the Board compiles and makes this biennial report as it has since 1910. We believe that pre-auditors, vested with a veto power, are not only a danger to free educational policy for the reasons given above, but are unnecessary and a waste of public funds. Any information which they could give in advance of a post-audit (which is the reason most frequently advanced for their existence) could be quickly and much more economically obtained by sending a representative of the Comptroller's office to the several institutions as the need for such information arose.

May we also emphasize, as strongly as within our power to so state, that there is no distrust of, or ill feeling toward, the Legislature of the State of Iowa on the part of the Board or any of the institutions under its control. We well appreciate the problems of the Legislature. We are, and have been, conscientiously trying to present the problems and needs of the Board in such a manner that they can be understood by all. We stand ready at any time to answer any questions and furnish such additional material as may be desired. Our desire is, and always has been, to cooperate in every way with anyone, to the end that the good of our institutions may be advanced toward greater service to the people of our State.

The Board's recommendations for State appropriations for its institutions appear on the following pages. These have been prepared after long and serious study, extending over many months. We ask that you please bear in mind that these are not asked for the Board or its members, nor for the executives or employees of the institutions. They are asked for the people of the State of Iowa, to whom these institutions belong. It is our considered judgment that the amounts requested are necessary to enable these institutions to furnish the type of service which the people of our State require and expect.

In addition you will find the complete reports made by the executives of the various institutions to the Board, as well as the detailed financial reports which account for all funds handled at the institutions.

Respectfully submitted,

STATE BOARD OF EDUCATION
DWIGHT G. RIDER, *President.*

THE APPROPRIATION REQUIREMENTS OF THE STATE BOARD OF EDUCATION FOR THE 1955-57 BIENNIUM 56TH GENERAL ASSEMBLY HOW THE REQUIREMENTS WERE DETERMINED

Salaries, Support, Maintenance and Miscellaneous

In 1909 the 33rd General Assembly established the State Board of Education to govern the state's three institutions of higher education. Later the Iowa School for the Deaf, the Iowa Braille and Sight-Saving School and the State Sanatorium were placed under the Board's jurisdiction to be integrated into what is now known as the "Iowa System of Higher Education."

Iowa was the second state in the United States to form such a central responsibility and authority for state higher educational institutions. In the ensuing years the benefits derived from the operation of the institutions as integral parts of a state system have accrued directly to the citizens and taxpayers of Iowa.

Contrasted with the divided and digressive efforts in the years before 1909 and with the experience in other states even today, Iowa has had the opportunity to coordinate its efforts and its funds in the development of an integrated system with efficiency, economy and high quality institutions resulting.

Nine private citizens of Iowa comprise the State Board of Education. Appointed by the Governor and confirmed by the Senate, members of the Board serve six year terms. Assuring continuity and experience within the Board at all times, terms are staggered, the terms of three members expiring every second year.

Political and educational impartiality is encouraged through restrictive qualifications for Board membership established by the statutes. No more than five of the nine members may be of the same political party, and no more than one member may be an alumnus of the State University of Iowa, Iowa State College or of Iowa State Teachers College.

The Board appoints a secretary who carries on the Board business on a full-time basis from the offices of the Board in the State Office Building in Des Moines. The Board, also appoints a three-man Finance Committee from outside its own membership which devotes its full time to ministerial duties as provided by statute and as assigned by the Board. One of the duties of the Finance Committee is to visit each institution every month to conduct such business as may properly come before it.

The statutes require that the Board meet four times a year, but, in fact the Board meets more nearly on a monthly basis. A great deal of time and study is being given the state's System of Higher Education by the nine lay people who comprise the State Board of Education. For example in the 1952-53 year Board members gave 362 days to Board work and in 1953-54, 316 days. In addition the three-man Finance Committee is constantly working with the institutions regarding their problems and needs. In spite of this constant study of the problems it is not an easy task to determine the amount of money that will be needed

for the state institutions under the Board for the next biennium. As the Board begins to concentrate on the needs of the institutions for the coming biennium, certain problems become quite prominent. Some of these problems began to make themselves known during the 1953-54 year. These gained strength and were joined by others at the beginning of the 1954-55 year. These problems were strong factors and their influence on the Board's planning could not be ignored.

The most important of the problems that the Board had to consider in determining the appropriation requirements for the 1955-57 biennium were as follows:

I. The Board acts on resignations of key personnel each month. Competition for trained faculties remains high. While salary adjustments have been made and the situation has improved somewhat, the fact remains that we have not held our own with institutions in other nearby states, nor with private industry. Far too many of our outstanding faculty members are being lured away from Iowa by more attractive offers—both salary and better facilities with which to work. Maintaining a high standard of education, research and service is almost entirely dependent on the quality of the staff. In order to keep a top-notch staff and to be in a position to secure equally good replacements for those that are lost, the Board felt that it must provide for some salary increases to meet competition for well trained staff and to keep those it had by making merit increases.

The amount of additional appropriation needed to meet the need for increased salaries varies from an average of about 6% of the 1954-55 salary budget for the three larger institutions; the State University of Iowa, Iowa State College and the Teachers College, to an average of about 10 to 12% of the 1954-55 salary budget for the three smaller institutions; the State Sanatorium, Iowa School for the Deaf and Iowa Braille and Sight-Saving School.

II. The second big problem that faced the Board was that of increasing enrollments. In the fall of 1952 the University had 7213 college grade students in residence; in the fall of 1954 there were 8414. At Iowa State College there were 7484 in the fall of 1952 and 8308 in the fall of 1954. The Teachers College went from 2239 in 1952 to 2666 in 1954. Here is a tabulation of these figures:

FALL ENROLLMENT OF COLLEGE GRADE STUDENTS IN RESIDENCE

School	Fall 1952	Fall 1954	Increase	% of Increase
State University of Iowa	7213	8414	1201	16.65
Iowa State College	7484	8308	824	11.01
Iowa State Teachers College	2239	2666	427	19.07

(See enrollment charts at the end of Section I of this book)

The increase alone for each institution is as large as the entire enrollment of many colleges. The combined increase equals 2,450 students and is more than the Teachers College had in 1952. Obviously when so many more students enter college, more teachers and more supplies and materials must be provided. Teachers particularly must be sought before the students actually arrive.

While this increase is a sizeable one it is just a forerunner of the impending tidal wave of students to come (see the chart showing the

births at the end of Section I of this book). If the same percentage of students who graduate from high school continue to come to college as have in the past, that alone would mean an increase in college enrollments because of the increased births. In addition the percentage of high school students who come to college is increasing.

All indications point to a steady and ever larger increase in enrollments. The increases will not reach their maximum in the next biennium, 1955-57, but the coming increases must be considered if orderly plans are to be made to care for the students. This increase comes when the colleges and universities are being pressed to produce more teachers, engineers, doctors, dentists, veterinarians, nurses, business executives, agriculturists, home economists, lawyers, scientists and research specialists. Education in many of these professions is offered only in the state supported institutions, particularly on the graduate level.

In order to accommodate the added students expected during 1955-57, the Board is requesting additional funds. It should be pointed out here that when the Board considered the problem of providing funds for more students it decided that the students should help out by paying higher tuition. This is one reason why the Board's request for additional funds is not as great as it might have been.

III. A third problem that faced the Board was the matter of providing funds for erratic increases in enrollments within a biennium, such as occurred during this 1953-55 biennium. Nearly all colleges had greater enrollments that had been predicted. True, an increase was predicted but the actual was even greater. This is closely related to the general increases described above and if it were certain that no unusual circumstances would develop, no additional funds would be required. In order to meet emergency increases in enrollment over and above the regular increases expected in Item II above the Board is requesting an appropriation to increase the contingent funds for the three larger institutions. Had it not been for a contingent fund in the Teachers College budget for 1954-55 the college would have been hard pressed to accommodate the 19.07% increase in students this fall.

IV. Generally speaking the Board contemplates no increase in basic costs for general expense items. Somewhat more money is required though because more of these items will have to be purchased, due to increased enrollment.

V. The educational institutions that are owned by the state cannot afford to let progress by-pass them. The Board and these state institutions are keenly aware of their obligation to the people of Iowa and are constantly working for improved services. To implement this improvement, existing programs at the institutions must be kept strong and occasionally some need strengthening. New programs must be added as there is a demand for them. This demand is made by students, the citizens of the state, the Legislature and by the world in which we live.

As a result the Board is requesting additional funds for some new programs and the expansion of others.

Here is a brief summary of the major problems that the Board considered:

I. Salary increases on a merit basis to meet competition.

II. Additional funds to help meet the needs of increased enrollment.

III. Contingent funds to provide for emergencies.

IV. Funds to purchase more supplies and materials for the greater numbers of students.

V. Funds to establish new programs and to strengthen existing programs.

In arriving at the Salaries, Support, Maintenance and Miscellaneous appropriation requirements for the biennium 1955-57, the Board did essentially this:

I. Started with the actual expenditures for the fiscal year 1953-54.

II. Made budgets for 1954-55 to meet the needs of the institutions, which resulted in some increases over the 1953-54 actual expenditures.

III. Used the budgets for 1954-55 as a base or starting point to which the necessary additions were made and arrived at the proposed budgets for each institution for each year of the 1955-57 biennium.

IV. Estimated the income other than state appropriations that each institution expected to receive. This figure included the estimated increase expected from increased student fees.

V. Subtracted the institution's estimated income from the total proposed annual budget. The remainder represents the appropriation required annually for each institution.

This procedure is outlined on the following pages for each institution. It represents a sizeable appropriation in total and warrants careful study. If there are questions, the State Board of Education is ready and willing to answer them; all that needs to be done is to contact the office of the Board in the State Office Building.

IOWA STATE TEACHERS COLLEGE

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54		
	A. Salaries	$2,278,903	
	B. General Expense	426,878	
	Total Expense applicable to 1953-54		$2,705,781
II.	The Board approved a budget for 1954-55 which is $144,969 larger than the actual expenditures for 1953-54. The additions are as follows:		
	A. Needs resulting from 20% increase in enrollment.		
	1. Five new instructional positions auththorized by the Board in July, 1954	$ 20,994	
	2. Anticipated increases in other expense items	16,128	
	B. Necessary increases in non-academic staff, not related to enrollment.		
	1. 1½ positions in Buildings and Grounds resulting from expansion of physical facilities	4,371	
	2. One position in Library clerical staff	2,100	
	C. Salary increases.		
	1. Academic staff.		
	a. Increase incorporated into the original budget	33,900	
	b. Special adjustments authorized by the Board in August, 1954 to meet competition	49,476	
	2. Non-academic staff.		
	a. Clerical	8,000	
	b. Building and Grounds	10,000	
	Total Additions		144,969
	Budget for 1954-55		$2,850,750
III.	Budget for 1954-55		$2,850,750
	(Base to which the Board made the following additions):		
	1. Salary increases to meet competition, to provide merit increases and to operate salary schedule in some areas —approximately 6%		134,500
	2. Additional instructors to handle enrollment, primarily to staff sophomore classes—estimate a minimum of 5 instructors necessary		24,000
	3. Additional supervisors (2) at Hudson (will be largely offset increased payment by Hudson school district as per student teaching contract)		8,500
	4. Development of additional off-campus student teaching facilities to replace Hudson secondary school staff and to take care of increased load at elementary school level		20,000

5.	Increase graduate assistant stipend from $750 to $900 per academic year	2,000
6.	Additional positions (2) in the library (1 professional, 1 clerical) and increased allowance ($4,000) for books, periodicals, binding, etc. to strengthen library service	11,500
7.	Meet increased costs of supplies in Registrar's office and improve statistical service	4,500
8.	Additional personnel, supplies, utilities in Buildings and Grounds Department to care for new building—1 janitor; supplies and utilities $3,000	5,660
9.	Additional personnel and travel expense for extension services to meet increased demands for consultative services to public schools	10,000
10.	Expanded field services program—TV instruction for teachers, more extension service for teachers in small schools	15,000
11.	Development of closed circuit TV to enable the Teachers College to make kinescopes (greatly reducing travel to Ames) and to utilize TV for instructional purposes on campus—2 staff members plus $9,500 for additional supplies	18,000
12.	Increase in contingent fund to meet emergencies	50,000
	Total proposed budget each year 1955-57 approved by the Board	$3,154,410
	(Proposed budget forward)	$3,154,410
	Less Teachers College estimated income	376,875
	Board's appropriation requirement for Iowa State Teachers College—Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$2,777,535

RECAPITULATION

I.	Actual Expenditures 1953-54	$2,705,781
II.	Additions to make 1954-55 budget	144,969
	Starting point or base—1954-55 budget	$2,850,750
III.	Additions Board made to 1954-55 budget, 12 items shown above totaling	303,660
	Total proposed budget each year 1955-57	$3,154,410
IV.	Less: Teachers College estimated income	376,875
V.	Board's appropriation requirement for Iowa State Teachers College, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$2,777,535

IOWA STATE COLLEGE

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54		
	A. Salaries and wages	$7,752,838	
	B. General expense	2,242,529	
	Total expense applicable to 1953-54		$ 9,995,367
II.	The Board approved a budget for 1954-55 which is $146,111 larger than the actual expenditures for 1953-54. The additions are as follows:		
	A. Re-budgeting of Vacant Positions and other Savings from 1953-54 operation		$ 104,430
	B. Costs of additional enrollment over budget increase allowed in 1953-54		41,680
	C. Budget increases for:		
	1. Wages—Physical Plant and Agriculture	$ 46,140	
	2. Social Security tax increase, estimated	12,320	58,460
	D. New major positions		22,350
	E. Current expense increases required		21,815
	F. Budget savings effected by:		
	1. Shift in Physical Education, Music, Instrument Shop, etc	$ 50,290	
	2. Reduction in Contingent Fund	52,335	/102,625
	G. Budget for 1954-55		$10,141,478
III.	Budget for 1954-55 (Base to which the Board made the following additions):		$10,141,478
	1. Merit and competitive salary adjustments. In order that the College may achieve a competitive position and retain its key personnel, it is of utmost importance that funds be provided for salary increases. The amount is approximately 6% and is not intended for a blanket salary increase		$ 499,924
	2. Necessary current expense increases. Several of the divisions of the College have been hampered by insufficient current expense funds. In order to provide for the best operation of laboratories and facilities, the Board is requesting additional funds for this purpose		107,535
	3. Costs of increased enrollment. For instruction, Library, Administration, General Expense and Physical Plant		$ 150,000
	4. New and expanded programs. The amount of $330,500 is estimated as the cost of new and expanded programs which the College should undertake in its three major areas, Instruction, Research and Extension, during the next biennium.		

Instruction

To improve and strengthen the work offered in a few fields, staff additions are needed as follows: In the Home Economics Division, an additional as-

sistant professor in Applied Arts specializing in craft work, and an assistant professor in Child Development; estimated cost $10,000. In the Science Division, one assistant professor in Psychology to devote a portion of time to counseling, and an assistant professor in the biological sciences; estimated cost $10,000. In the Division of Veterinary Medicine, an expansion of the Diagnostic Laboratory staff consisting of a chemist, an instructor and an x-ray technician; estimated cost $15,000..... 35,000

Research—The Agricultural Experiment Station

The economic well-being of Iowa is dependent upon a sound stable agriculture. If this is to be maintained, the research program on the state's basic agricultural products must be strengthened. Following are some of the important fields of work on which additional research should be initiated:

IN THE LIVESTOCK INDUSTRY

For studies in:
Rumen Physiology and the Causes and Preventions of Bloat ..... $ 25,000
Determining Methods of Eliminating Dwarfism in Cattle 30,000

IN CROPS AND SOILS

Research on Conservation and Flood Control on Watersheds 20,000
An Expanded Research Program Directed Toward Developing Better Forage Crops 15,000
Development of Outlying Experimental Farms in Expanding Research Programs to Include Variations in Soil and Climatic Conditions 30,000
To Expand the Fundamental Research Program in Breeding Corn and Soybeans 20,000

PROCESSING AND MARKETING

For Additional Research Designed to Improve On-Farm and Off-Farm Handling and Storage of Grain 20,000
For an Expansion in Studies on the Economics of Agricultural Production 20,000
For Additional Studies in Food Processing, Packaging and Merchandising of Commodities Produced on Iowa Farms 20,000

$200,000

Veterinary Research Institute

For additional personnel needed in the research program on animal diseases ..... $ 6,500

Engineering Experiment Station

Research in engineering constitutes the best investment for a community which produces large quantities of raw materials. Additional funds are needed to initiate or augment research programs designed to provide basic information and technical data essential to Iowa Industry.

Research on Fertilizer Manufacture and Oil Extraction ..... $ 10,000

Additional Research on Structures and Machine Design	10,000	
Additional Studies on Thermal Conductivity of Liquids and Heat Transfer	5,000	
	$ 25,000	

Industrial Science Research Institute

For slight expansion of research programs in botany, bacteriology, entomology, plant pathology, chemistry, physics and zoology	$ 20,000	
TOTAL FOR RESEARCH		$251,500

Extension

Agriculture—this includes one additional associate professor in Animal Husbandry and five area workers in Soil Conservation	$ 32,000	

Engineering

The value of products manufactured in Iowa during 1950 is reported as approximately equal to the value of agricultural products produced in Iowa during the same year. Much of Iowa industry consists of relatively small enterprises in urgent need of the most recent technical information being developed by research.

It is requested that a small appropriation be made to enable the Engineering Extension Service to initiate more direct service to Iowa industry	12,000	
TOTAL FOR EXTENSION	44,000	
TOTAL NEW AND EXPANDED PROGRAMS		$330,500

5. Expansion of Federal programs in Agriculture. Legislation now pending in Congress will provide approximately $102,000 in Federal funds to the Agricultural Experiment Station and $189,000 to the Agricultural Extension Service for expanded programs in agriculture. These programs increase the total budget of the College by $291,000, but will like-wise increase the receipt of Federal funds by the same amount. These Federal appropriations are for specific purposes and are not available to reduce state appropriations $291,000

6. Increase Contingent Fund. It is the considered judgment of the Board that the Contingent fund should be established at not less than $200,000 in order to meet possible emergency situations, to supplement budgets which were under estimated and to take care of unforeseen needs. In order to bring the Contingent fund to $200,000, we will require an increase of $154,338 $154,338

Total proposed budget each year 1955-57 approved by the Board	$11,674,775
Less: Iowa State College estimated income	3,740,712
Board's appropriation requirement for Iowa State College, Salaries, Support, Maintenance and Miscellaneous, annually 1955-57	$ 7,934,063

RECAPITULATION

I.	Actual Expenditures 1953-54	$ 9,995,367
II.	Additions to make 1954-55 budget	146,111
	Starting point or base—1954-55 budget	$10,141,478
III.	Additions Board made to 1954-55 budget, 6 major items shown above totaling	1,533,297
	Total proposed budget each year 1955-57	$11,674,775
IV.	Less: Iowa State College estimated income	3,740,712
V.	Board's appropriation requirement for Iowa State College, Salaries, Support, Maintenance and Miscellaneous, annually 1955-57	$ 7,934,063

STATE UNIVERSITY OF IOWA

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I. Actual Expenditures for 1953-54

A.	Salaries and wages	$ 7,382,561
B.	General expense	1,019,435
	Total expense applicable to 1953-54	$ 8,401,996

II. The Board approved a budget for 1954-55 which is $374,008 larger than the actual expenditures for 1953-54. The additions are as follows:

The forces which play upon and operate within a University are continuous and produce continuous changes in expenditures. Many of them cannot be compartmentalized into biennial blocks. Enrollment increases take place year by year; added obligations are placed upon the University annually; and salary adjustments for classified personnel proceed by annual rather than biennial steps. It is inevitable, therefore, that the second year of any biennium will vary from the first. The increased cost of the second year over the first is met by increased revenues due to the growing operation and by savings from the first year which are certain to be needed in the second. The differences by departments as set forth, $374,008 are due to factors presented herewith:

1.	**Executive Offices and General Services.** The sum of $6,320 was necessary to pay for an auditor of stores' records and an inventory checker, as recommended by the State Auditor; $14,466 was to pay the cost to the Registrar and other student offices of increased enrollment and services	20,786
2.	**General Expense.** Increased cost of printing and supplies accounted for $16,038	16,038

3. **Student Services.** The $17,167 was due to the fact that less money was spent in the first year in order to have more funds with which to meet the need for growth in the second year 17,167

4. **Liberal Arts.** The increase of $35,759 was necessary to provide staff and general expense for the increased enrollment 35,759

5. **Engineering.** The decrease of $14,413 was due to shifting the Summer Management Conference to a separate basis ..... −14,413

6. **Education.** To provide replacements and new staff in the Reading Clinic in Guidance, in elementary and in driver education, $26,000 of the increase was necessary. The portion of the difference resulting from rebuilding staff positions in the high school, from salary increases where, especially in the high school, it is necessary to meet outside competition and temporary transfers of staff to general budgets amounted to $28,109 54,109

7. **Commerce.** The $10,525 here was due to restoration of positions left vacant part of last year and to some salary increases 10,525

8. **Law.** The $9,007 was due to replacement for Professor Tunks and money for agricultural law research 9,007

9. **Graduate College.** The increase of $3,195 arose from increased use of research professorships 3,195

10. **Summer Session.** The increase of $31.462 largely resulted from the fact that summer salaries are a fixed fraction of the regular year salaries so the increases made at the beginning of this biennium were not reflected in the summer school until the second year 31,462

11. **Medicine.** Here $27,760 of increase was due to added staff in the Departments of Hygiene, Pathology and Surgery. These were necessary to meet increased loads and to shift from the National Fund certain expenses which properly belong in the general budget. A total of $52,172 was due to salary increases and to the filling of positions which were vacant last year 79,932

12. **Dentistry.** In this College, $33,435 of the increase was ascribed to the cost of additional staff to handle the program properly, while $15,533 resulted from underspending in the first year of the biennium. In Dentistry, as well as Medicine, are illustrations of the fact that by the time legislative appropriations are available for the first year of a biennium, it is frequently too late to secure the kind of men needed, and for which the money has been appropriated. In order to fill the positions properly, it is necessary to take time and to appoint the men at the beginning of the second year of the biennium 48,968

13. **Pharmacy.** In Pharmacy, $5,700 of the increase was to pay for an assistant professor to help make up for a staff deficiency, while $2,270 was for salary increases. 7,970

14. **Nursing.** New money totaling $26,100 was necessary to pay for seven instructors to handle increased enrollment, and $2,930 was required for field work in public health nursing 29,030

15.	**Bureau of Labor and Management Relations.** A total of $10,000 was needed to pay the salary of a director, and $4,341 to fill minor posts left vacant in the first year	14,341
16.	**Examination Service.** The $2,718 of increase represented the cost of substituting an assistant director for a graduate assistant	2,718
17.	**Child Welfare Research Station.** Temporary supplemental grants in the first year and shifts of staff from full to part-time retired service caused a decrease in this budget of $5,610	–5,610
18.	**Institute of Public Affairs.** The difference of $2,470 was due to underspending in the first year of the biennium and the consequent rounding out of staff for the second year	2,470
19.	**Television.** The increase of $16,545 was necessary to employ an assistant engineer and to add to general expense account	16,545
20.	**Extension.** The increase of $17,774 was largely due to general expense and added positions to meet new service requests and increased costs of mailing and printing	17,774
21.	**Library.** A decrease of $11,959 was experienced here	–11,959
22.	**Physical Plant.** The cost of laborers and general expense for the operation of the physical education, and recreational campus accounted for $21,910 of the increase, and $7,069 was necessary to meet scheduled tenure increase payments for physical plant employees	28,979
23.	**Bureau of Business and Economic Research**	88
24.	**Institute of Gerontology**	22
25.	**Contingency Account**	91,816
26.	**Retired Staff on Part-Time.** This was distributed in the departments in the 1953-54 actual expenditures and amounted to $111,236. In the list of increases, salaries for retired staff on part-time have been pulled out and set down at the bottom of the list and amount to:	117,289
27.	**Credit for Estimated Lapses**	–250,000
	TOTAL NET ADDITIONS	$ 374,008
	(Note: The 1954 fall enrollment is 1,201 greater than in 1952)	
	Budget for 1954-55	$ 8,776,004

III.	Budget for 1954-55	$ 8,776,004
	(Base to which Board made the following additions):	
1.	**Salary and wage adjustments.** In order that the University may approach a competitive position and retain its key personnel, it is of utmost importance that funds be provided for salary increases. The amount is approximately 6% of the 1954-55 salary budget and is not intended for a blanket increase	450,000
2.	**Operation of new buildings and additions.** The addition of new buildings and additions will require more janitors, mechanics, utilities and supplies	12,850

3.	**Research and Graduate College.**	
	a. Gerontology (the study of the problems of aged individuals and our aging population). To provide for a director and research	25,000
	b. Graduate College. In recognition of the increasing importance of research in many areas and of graduate work the Board added	150,000
	c. Medical Research. To provide part of the cost of the research program in the field of medicine	100,000
4.	**Additional staff and general expense.**	
	a. Cost of increased enrollment in the College of Liberal Arts to provide additional instructors	48,000
	b. Cost of additional staff for increased graduate work in the field of Liberal Arts	30,000
	c. To provide for increased general expense and improved programs	15,000
5.	**College of Commerce.** To strengthen the program	12,000
6.	**College of Education.** To expand and strengthen the program for training Elementary teachers	30,000
7.	**College of Pharmacy.** To meet expanding needs in Pharmaceutical chemistry and to strengthen the graduate program	9,000
8.	**College of Nursing.** To provide additional instructors for the College of Nursing to care for the increasing number of nursing students	26,000
9.	**College of Medicine—Additional Staff and General Expense.** To help carry the loads in rapidly expanding phases of medicine and departments servicing the whole University and to provide for the additional general expense	35,300
10.	**College of Engineering.** To add one professor	8,000
11.	**College of Law.** To strengthen the program	30,000
12.	**New Program—Mortuary Science.** By action of the 55th General Assembly, two years of college work will be required after 1955 for students desiring to study mortuary science. Funeral Directors have urged that this program be established at the University. Much of the work required will be covered in existing courses but some additional staff will be required and some additional general expense. The amount required to establish this new program is	23,500
13.	**Contingent Fund.** It is the considered judgment of the Board that the Contingent fund should be established at not less than $200,000 in order to meet possible emergency situations, to supplement budgets which were under estimated and to take care of unforeseen needs. In order to bring the Contingent fund to $200,000, we will require an increase of $108,184	108,184
	Total proposed budget each year 1955-57 approved by the Board	$ 9,888,838
	Less: University estimated income	1,674,800
	Board's appropriation requirement for the State University of Iowa, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$ 8,214,038

RECAPITULATION

I.	Actual Expenditures 1953-54	$ 8,401,996
II.	Additions to make 1954-55 budget	374,008
	Starting point 1954-55 budget	$ 8,776,004
III.	Additions Board made to 1954-55 budget, 13 items shown above totaling	1,112,834
	Total proposed budget each year 1955-57	$ 9,888,838
IV.	Less: University estimated income	1,674,800
V.	Board's appropriation requirement for the State University of Iowa, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$ 8,214,038

STATE UNIVERSITY OF IOWA

UNIVERSITY HOSPITAL

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54		
	A. Salaries and wages	$ 3,616,008	
	B. General Expense	1,720,940	
	Total expense applicable to 1953-54		$ 5,336,948
II.	The Board approved a budget for 1954-55 which was $3,148 less than the actual expenditures for 1953-54		−3,148
	Budget for 1954-55		$ 5,333,800
III.	Budget for 1954-55 (base to which Board made the following additions):		$ 5,333,800
	1. **Salary and wage adjustments** of approximately 7% of 1954-55 salary budget		234,556
	2. **Additional personnel** to care for increased Polio-Rehabilitation activity, Polio-Pediatrics, to improve bedside care, to meet increasing needs for professional demands and to improve the preventive maintenance program		165,144
	3. **For additional materials and supplies**		80,000
	4. **Contingency funds** to enable the Hospital to support the institution or expansion of new medical or laboratory techniques and drug therapies		25,000
	Total proposed budget each year 1955-57 approved by the Board		$ 5,838,500
	Less: University Hospital estimated income		1,880,000
	Board's appropriation requirement for the University Hospital, Salaries, Support, Maintenance and Miscellaneous annually 1955-57		$ 3,958,500

RECAPITULATION

I.	Actual Expenditures for 1953-54	$ 5,336,948
II.	Adjustment to make 1954-55 budget (decrease)	-3,148
	Starting point or base 1954-55 budget	$ 5,333,800
III.	Additions Board made to 1954-55 budget, 4 items shown above totaling	504,700
	Total proposed budget each year 1955-57	$ 5,838,500
IV.	Less: University Hospital estimated income	1,880,000
V.	Board's appropriation requirement for the University Hospital, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$ 3,958,500

STATE UNIVERSITY OF IOWA

PSYCHOPATHIC HOSPITAL

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I. Actual Expenditures for 1953-54

A.	Salaries and wages	$337,557
B.	General expense	52,492
	Total expense applicable to 1953-54	$390,049

II. The Board approved a budget for 1954-55 which was $35,951 larger than the actual expenditures for 1953-54. The additions are as follows:

1.	**Administration.** The increase of $2,007 was necessary to maintain a full staff in this division	2,007
2.	**Dietary.** The increase of $5,146 was for patients' meals. Certain building repairs, in the patient areas, during the summer of 1953 resulted in a temporary curtailment in the number of patients admitted and also a reduction in the number of meals purchased from the General Hospital during 1953-54	5,146
3.	**Household and Property.** The increase of $1,804 was mainly to provide additional staff in this division	1,804
4.	**Plant Operations.** The increase of $807 was to meet increased cost of plant maintenance and operations	807
5.	**Professional Services.** The increase of $28,118 was to provide additional professional workers in the care of patients, teaching and training of medical students, student nurses and resident physicians	28,118
6.	**General Operating.** The increase of $126 was to meet anticipated additional expense	126
7.	**Non-Operating.** A decrease of $225 may be expected in this item of expense	-225

8.	**Research and Teaching.** The increase of $14,746 was to fill vacancies and provide additional staff members for research projects, teaching and training of students and resident physicians		14,746
	(In addition to these items, there are certain other additions and subtractions shown on the following page)		
9.	Administration—non-recurring expense		550
10.	Household and Property—non-recurring		1,500
11.	Plant Operations—non-recurring		2,300
12.	Professional services—non-recurring		10,950
13.	Research and Teaching—non-recurring		2,500
14.	Supplemental for Contingencies		4,150
	TOTAL ADDITIONS		74,704
15.	Deduct credit for estimated lapses	$ 16,578	
16.	Deduct non-operating expense	225	
17.	Deduct non-recurring expense	21,950	
	TOTAL DEDUCTIONS		38,753
	TOTAL NET ADDITIONS		$ 35,951
	Budget for 1954-55		$426,000

III.	Budget for 1954-55 (Base to which Board made the following additions):	$426,000
1.	Salary and wage adjustments	21,000
2.	Replacement and additional positions, 1 new staff member, a janitor and nurse	15,800
3.	A full census for the next biennium is anticipated which will require more general expense	3,000
4.	Research funds to replace United States Public Health Service grant. United States Public Health Service funds have already been reduced and the research is of such importance that it should be continued. This requirement is	15,000
	Total proposed budget each year 1955-57 approved by the Board	$480,800
	Less: Psychopathic Hospital estimated income	59,214
	Board's appropriation requirement for the Psychopathic Hospital, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$421,586

RECAPITULATION

I.	Actual Expenditures for 1953-54	$390,049
II.	Additions to make 1954-55 budget	35,951
	Starting point or base 1954-55 budget	$426,000
III.	Additions Board made to 1954-55 budget, 4 items shown above totaling	54,800
	Total proposed budget each year 1955-57	$480,800
IV.	Less: Psychopathic Hospital estimated income	59,214
V.	Board's appropriation requirement for the Psychopathic Hospital, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$421,586

STATE UNIVERSITY OF IOWA

STATE BACTERIOLOGICAL LABORATORY

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54		
	A. Salaries and wages	$157,997	
	B. General expense	62,482	
	Total expense applicable to 1953-54		$220,479
II.	The Board approved a budget for 1954-55 which was $8,859 larger than the actual expenditures for 1953-54. The additions are as follows:		
	Iowa City Laboratory		
	1. Increase in salaries		12,887
	2. Non-recurring expense		659
	Des Moines Branch		
	3. Increase in salaries		467
	TOTAL ADDITIONS		$ 14,013
	Deduct recurring other expense	$ 693	
	Deduct other expense—Des Moines Branch	3,802	
	Deduct non-recurring expense	659	
	TOTAL DEDUCTIONS		$ −5,154
	TOTAL NET ADDITIONS		$ 8,859
	Budget for 1954-55		$229,338
III.	Budget for 1954-55 (Base to which Board made the following additions):		$229,338
	1. Salary and wage adjustments		10,281
	2. Operation of Treponema Pallidum Immobilization test (T. P. I.)		8,000
	Total proposed budget each year 1955-57 approved by the Board		$247,619
	Less: Laboratory estimated income		41,038
	Board's appropriation requirement for the Bacteriological Laboratory, Salaries, Support, Maintenance and Miscellaneous annually 1955-57		$206,581

RECAPITULATION

I.	Actual Expenditures for 1953-54	$220,479
II.	Additions to make 1954-55 budget	8,859
	Starting point or base 1954-55 budget	$229,338
III	Additions Board made to 1954-55 budget, 2 items shown above totaling	18,281
	Total proposed budget each year 1955-57	$247,619
IV.	Less: Laboratory estimated income	41,038
V.	Board's appropriation requirement for State Bacteriological Laboratory, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$206,581

STATE UNIVERSITY OF IOWA
HOSPITAL SCHOOL FOR SEVERELY HANDICAPPED CHILDREN

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54	
	A. Salaries and wages	$177,245
	B. General expense	34,325
	Total expense applicable to 1953-54	$211,570
II.	The Board approved a budget for 1954-55 which was $142,330 larger than the actual expenditures for 1953-54. The additions are as follows:	
	The Hospital School was not operating at full capacity during 1953-54 but will be operating more nearly to capacity in 1954-55.	
	1. Addition for Administration	5,291
	2. Addition for Teaching	11,325
	3. Addition for Health and Medical Service	17,199
	4. Addition for Dietary and Personal Maintenance	54,484
	5. Addition for other expense	54,031
	6. Addition for Equipment, non-recurring	22,330
		(164,660)
	Deduct non-recurring expense	22,330
	TOTAL NET ADDITIONS	$142,330
	Budget for 1954-55	$353,900
III.	Budget for 1954-55 (Base to which Board made the following additions):	$353,900
	1. Salary and wage adjustments	$ 17,172
	2. Additional staff for full operation	17,618
	3. Additional expense for food, laundry, etc.	26,860
	Total proposed budget each year 1955-57 approved by Board	$415,550
	Less: Hospital School estimated income	none
	Board's appropriation requirement for the Hospital School, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$415,550

RECAPITULATION

I.	Actual Expenditures for 1953-54	$211,570
II.	Additions to make 1954-55 budget	142,330
	Starting point or base 1954-55 budget	$353,900
III.	Additions Board made to 1954-55 budget, 3 items shown above totaling	61,650
	Total proposed budget each year 1955-57	$415,550

IV. Less: Hospital School estimated income ..... none

V. Board's appropriation requirements for Hospital School, Salaries, Support, Maintenance and Miscellaneous annually 1955-57 ..... $415,550

COMMENT

This school renders a service to the State in the care and instruction of the mentally alert but physically handicapped child, in the training of teachers for the public schools in this specialized field, and in research into the most desirable and effective methods of care and instruction.

What it can do will be determined primarily by what it is given the resources to do.

Comparison of "Actual 1953-54" with "Total Budget 1954-55" is not valid because of the partial use of the new building which began in January of 1954 and whereas all operations during 1954-55 will be in the new facilities.

The additional annual needs of 1955-57 over 1954-55 arise from the added acquaintance with the operation of the new building and the variety of in-patient and out-patient services which experience indicates can be provided therein.

IOWA BRAILLE AND SIGHT-SAVING SCHOOL

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I. Actual Expenditures for 1953-54
A. Salaries and wages $221,372
B. General expense 58,229

Total expense applicable to 1953-54 ..... $279,601

II. The Board approved a budget for 1954-55 which was $35,740 larger than the actual expenditures for 1953-54. The additions are as follows:
1. Increases in salaries of from $10 to $15 per month 12,925
2. Additional personnel—one teacher and two house-parents 5,455
3. Additional for general expense 9,385
4. Unexpended balance from previous year rebudgeted 7,975

TOTAL ADDITIONS ..... $ 35,740

Budget for 1954-55 ..... $315,341

III. Budget for 1954-55 (Base to which Board made the following additions): $315,341
1. To increase academic salaries $250 per year 7,548
2. To increase non-academic salaries an average of $10 per month 6,538

3. Additional personnel—to provide one more teacher, one house-parent and one dining room maid	7,430
4. To provide for an increase in general expense, materials and supplies	2,500
Total proposed budget each year 1955-57 approved by the Board	$339,357
Less: Iowa Braille and Sight-Saving School estimated income	1,500
Board's appropriation requirement for the Iowa Braille & Sight-Saving School, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$337,857

RECAPITULATION

I.	Actual Expenditures for 1953-54	$279,601
II.	Additions to make 1954-55 budget	35,740
	Starting point or base 1954-55 budget	$315,341
III.	Additions Board made to 1954-55 budget, 4 items shown above totaling	24,016
	Total proposed budget each year 1955-57	$339,357
IV.	Less Iowa Braille & Sight-Saving School estimated income	1,500
V.	Board's appropriation requirement for Iowa Braille and Sight-Saving School, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$337,857

IOWA SCHOOL FOR THE DEAF

Salaries, Support, Maintenance and Miscellaneous Funds Budget and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I.	Actual Expenditures for 1953-54		
	A. Salaries and wages	$351,108	
	B. General expense	127,647	
	Total expense applicable to 1953-54		$478,755
II.	The Board approved a budget for 1954-55 which was $75,831 larger than the actual expenditures for 1953-54. The additions are as follows:		
	1. Budget savings in salaries resulted from unfilled positions and part-time positions. These positions have been filled and the savings rebudgeted		14,396
	2. Budget savings in general expense rebudgeted		27,458
	3. Budget savings in contingent fund rebudgeted		16,082
	4. Salary increases		18,559
	5. General expense reduction		–6,755
	6. Contingent fund increase		6,091
	TOTAL NET ADDITIONS		$ 75,831
	Budget for 1954-55		$554,586

III. Budget for 1954-55	$554,586
A. Board adjustment in 1954-55 budget—decrease	−1,673
Board's adjusted base budget to which the following additions were made:	$552,913
1. To increase academic salaries $450 per year	27,600
2. To increase non-academic salaries approximately $15 per month	15,030
3. Additional retirement expense	2,338
Total proposed budget each year 1955-57 approved by the Board	$597,881
Less: Iowa School for the Deaf estimated income	34,000
Board's appropriation requirement for the Iowa School for the Deaf, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$563,881

RECAPITULATION

I. Actual expenditures for 1953-54	$478,755
II. Additions to make 1954-55 budget	75,831
Budget for 1954-55	$554,586
Board's adjustment—decrease	−1,673
Starting point or base 1954-55, adjusted budget	$552,913
III. Additions Board made to 1954-55 adjusted budget, 3 items above totaling	44,968
Total proposed budget each year 1955-57	$597,881
IV. Less: Iowa School for the Deaf estimated income	34,000
V. Board's appropriation requirement for Iowa School for the Deaf, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$563,881

STATE SANATORIUM

Salaries, Support, Maintenance and Miscellaneous Funds Budgets and Appropriation Requirements Each Year 1955-57 Biennium

BUDGET ANALYSIS

I. Actual expenditures for 1953-54		
A. Salaries and wages	$556,424	
B. General expense	313,481	
Total expense applicable to 1953-54		$869,905
II. The Board approved a budget for 1954-55 which was $150,620 larger than the actual expenditures for 1953-54. The additions are as follows:		
1. Unfilled positions and unused salaries in the 1953-54 budget for Medical Service rebudgeted		63,300

2.	Unfilled positions and unused salaries in the 1953-54 budget for Dietary rebudgeted	6,352
3.	Unfilled positions and unused salaries in the 1953-54 budget for Administrative rebudgeted	4,608
4.	Unfilled positions and unused salaries in the 1953-54 budget for Household and Laundry rebudgeted	4,140
5.	Unfilled positions and unused salaries in the 1953-54 budget for Buildings and Grounds rebudgeted	1,980
6.	Salary increases at approximately 10+% over 1953-54 salaries actually paid	56,496
7.	General expense increase approximately 4⅜% over 1953-54 actual expenditures	13,744
	TOTAL ADDITIONS	$ 150,620
	Budget for 1954-55	$1,020,525
III.	Instead of using the 1954-55 budget as a base for determining the appropriation requirements for 1955-57, the Board used an adjusted base. The adjustment was made by reducing the number of unfilled positions and a reduction in general expenses for the next biennium which amounted to a total reduction of	45,375
	Board's adjusted base budget to which the following additions were made:	$ 975,150
1.	Salary and wage adjustments equal to 10% of filled positions in 1954-55 budget	61,158
	Total proposed budget each year 1955-57 approved by the Board	$1,036,308
	Less: Sanatorium estimated income	109,800
	Board's appropriation requirement for the State Sanatorium, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$ 926,508

RECAPITULATION

I.	Actual expenditures for 1953-54	$ 869,905
II.	Additions to make 1954-55 budget	150,620
	Budget for 1954-55	$1,020,525
	Board's adjustment—decrease	−45,375
	Starting point or base 1954-55, adjusted budget	$ 975,150
III.	Additions Board made to 1954-55 adjusted budget, 1 item shown above totaling	61,158
	Total proposed budget each year 1955-57	$1,036,308
IV.	Less: Sanatorium estimated income	109,800
V.	Board's appropriation requirement for the State Sanatorium, Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$ 926,508

STATE BOARD OF EDUCATION

Repairs, Replacements, Alterations and Equipment Appropriation Requirements 1955-1957

Repairs, Replacements and Alterations

As in the case of Salaries, Support, Maintenance and Miscellaneous needs the Board was faced with a number of factors that had to be considered in determining the requests for Repairs, Replacements, Alterations and Equipment.

The major factors are set forth here:

I. In order to protect and preserve the huge investment the state has in the educational and service institutions the repair program must be continued.

II. Because of the increasing age of the buildings the repair program must be intensified.

III. There are some areas around the institutions that should be remodeled or altered to increase their efficiency and to accommodate more students.

Equipment

The equipment needs of an educational institution are many and varied. Some equipment that will be used in the next two years may not even be made at the present time. Equipment for teaching and research must be kept modern, equipment to operate the physical plant must be kept in good repair and replaced with modern equipment when it becomes evident that replacing present equipment with more efficient equipment will result in a saving to the state.

We live in a technical age that is geared to the extensive use of equipment. The fields of work which college and university graduates enter utilize more and more equipment and it is constantly being replaced with modern equipment. To teach students with obsolete equipment would be a gross neglect of not only their needs but of society's as well.

Occasionally when departments have insufficient funds they will deplete their inventory of equipment so as to stretch the available money. This is not a desirable practice because it leads to the use of equipment beyond the time of its usefulness and in some instances doing without vital equipment.

While the 55th General Assembly made an appropriation for equipment along with the Repairs, Replacements and Alterations appropriation it was not a realistic approach. Prior to the 1953-55 biennium equipment had been purchased from Salaries, Support and Maintenance funds because equipment needs are more closely related to the general operation of the institution than they are to Repairs, Replacements and Alterations. **Perhaps funds for Equipment should be returned to the Salaries, Support and Maintenance appropriation.** The 55th General Assembly increased the Repairs, Replacements and Alterations appropriation to provide for the purchase of equipment. Since this new practice was not originated by the Board the appropriation was not as realistic as it should have been. In some instances it was entirely inadequate and did not meet the needs.

Since the 55th General Assembly did set the pattern by taking equipment out of Salaries, Support and Maintenance the Board deemed it proper to set out separately the needs for equipment. Obviously a listing of the hundreds of pieces of equipment item by item could not include the newest, some of which is not yet in production. The list would be somewhat invalid and much too lengthy. The presentation is made in general categories according to the principles set forth here:

I. To replace worn-out equipment and to provide modern equipment.
II. To purchase additional equipment.
III. To replenish depleted stocks of equipment.
IV. To make a more realistic program for the purchase of equipment.

The tabulations of the Repairs, Replacements, Alterations and Equipment items are listed for each institution and are set forth on the following pages.

IOWA STATE TEACHERS COLLEGE

I. Repairs, Replacements and Alterations

1.	Home Economics—Improvement of lighting in room No. 314	$ 500
2.	Ventilators to filter rooms, swimming pool	1,200
3.	Auditorium—light bridge	8,000
4.	Incinerator	20,000
5.	Auditorium classrooms—redecoration as part of continuing program	10,000
6.	Clearing of Billman property site	2,000
7.	Library—purchase of stacks	4,000
8.	Museum—improvement in lighting and locking of cases	1,500
9.	Auditorium—addition of fire escape and remodeling of south end of Auditorium stage	30,000
10.	Old Campus School—alterations after high school program is moved out (tentatively thinking of music on top floor and part of the next floor, business education on ground floor, earth science two classrooms, some general classrooms and a radio-TV arrangement in the gymnasium and adjacent offices)	35,000
11.	Auditorium, old campus school—redecoration	6,000
12.	Heating equipment, repairs to buildings	20,000
13.	Addition to greenhouse service house	5,000
14.	Biological Preserve—additional development	4,000
15.	Men's tennis courts—repairs, resurfacing, refencing, etc.	20,000
16.	Tunnel between administration and library—fill in and wall up	1,500
17.	Home Economics—addition to Home Management House	4,000
18.	Women's Gymnasium—alter basement shower layout	5,400
19.	Women's Gymnasium—replace three gym floors	8,000
20.	Enclosure wall for storage coal	2,250
21.	Gilchrist and Administration—alterations—when move is made into old campus school	5,000
22.	Remove old Health Service and hospital building when new Health Service is completed or add to office space in present Health Service if funds for new buildings are not available	5,000
23.	Library—improvement of lighting	4,000
24.	Men's Physical Education—new practice field—chain link fencing	4,336
25.	Alteration of temporary building south of 27th street for storage and receiving room	5,000
26.	Mail room at the Crossroads	2,500

27.	Additional trophy case for Men's Gymnasium	800
28.	Repair handball courts, Men's Gymnasium	1,500
29.	Arts and Industries Building—alterations of S. E. entrance for office space	15,000
30.	Art Department—asbestos tile flooring, $1,700; Venetian blinds, $400	2,100
31.	Auditorium—painting of corridor entrance doors and installation of new panic hardware	500
32.	Tuck pointing of old buildings (Auditorium, Library, Science Building, or Old Campus School—whichever ones are not done in 1954-55)	5,000
33.	Trimming and removal of trees	3,000
34.	Miscellaneous general repairs (account 1001)	40,000
35.	Miscellaneous replacements, and alterations (accounts 1002)	40,000
36.	Repairs to heating plant (account 1001)	12,000
	Total Repairs, Replacements and Alterations needs for the Biennium 1955-57	$334,086
	Annually	$167,043

II. Equipment

Instructional Departments

1.	Art		$ 2,800
2.	Business Education		7,800
3.	Education		3,000
4.	Home Economics		2,000
5.	Industrial Arts		3,000
6.	Language, Speech and Literature		3,600
7.	Library Science		300
8.	Mathematics		200
9.	Music		8,000
10.	Physical Education for Men		1,500
11.	Physical Education for Women		1,000
12.	Science		8,400
13.	Social Science		1,200
14.	Teaching		16,000
15.	Curriculum Laboratory		4,390
16.	Bureau of Research		600
17.	Extension Service—General Service		2,900
18.	Extension Service—Radio—General budget	$ 6,000	
	Extension Service—Radio—Closed Circuit TV	76,768	82,768
19.	Library		4,000
20.	Physical Plant—General budget	$ 25,000	
	29 passenger bus	15,000	40,000
21.	Office of the President		800
22.	Business Office		4,500
23.	Office of Dean of Instruction		800
24.	Office of the Registrar		3,000
25.	Office of Student Personnel		1,000
26.	Office of Field Services		800
27.	Health Services		1,000
28.	Placement Bureau		900
29.	College Relations and Information Services		5,600
30.	Religious Activities		400
31.	Unallocated—For Emergency		6,470
	Total Equipment needs for the Biennium 1955-57		$218,728
	Annually		$109,364

SUMMARY

Repairs, Replacements, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$167,043
Equipment, annually	109,364
Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57	$276,407

IOWA STATE COLLEGE

I. Repairs, Replacements and Alterations

A. Utilities

1. Power Plant		
a. Turbine driven boiler feed pump to replace unit installed in 1938	$ 5,500	
2. Electric Distribution System		
a. Expansion of campus street lighting system to areas not now served	20,000	
3. Gas Distribution System		
a. Replacement of gas mains and branches now either leaking or too small	20,000	
4. Steam Mains and Tunnels		
a. Replacement of tunnel piping, low and high pressure steam lines now undersized	40,000	
b. Desuperheater and pressure reducing station at power plant for campus steam usage	8,500	
c. Rebuilding of section of disintegrated tunnel	5,000	
d. Replacement of compressed air lines from Power Plant to Beardshear and to Chemistry, and in north tunnel system	20,000	
Sub-total		$119,000

B. General Repairs, Replacements and Alterations to maintain buildings in good condition, including structural repairs and changes, floors, acoustics, interior and exterior painting, glazing, repairs to equipment, lighting and wiring, plumbing, heating and ventilation and such alterations as are required to meet changing programs and conditions.

1. Replacement of heating coils and controls, various buildings	35,000
2. Waterproofing, pointing buildings and roof repairs and replacements where necessary	30,000
3. Exterior and interior painting of various buildings	75,000
4. Farm buildings, miscellaneous repairs	20,000
5. Replacement of transformers and correction of main overloaded wiring conditions in a number of buildings	25,000
6. Modernizing of lighting and associated wiring in buildings	40,000
7. Plumbing, heating and ventilation repairs	25,000
8. Structural repairs and miscellaneous alterations as may be required during next biennium	60,000
9. Greenhouse repairs	15,000
Sub-total	$325,000

C. Special Projects

1.	Chemistry Building, replacement of a portion of the laboratory equipment and utility services, and building rehabilitation	250,000	
2.	Marston Hall, rehabilitation including remodeling, redecorating, replacement of lighting and floor coverings	45,000	
3.	Veterinary Research Farm, sewage plant rehabilitation	11,000	
4.	Physical Plant Shops, remodeling of space to increase facilities and efficiency	10,000	
5.	Remodeling and rebuilding Horse Barn on campus for ruminant nutrition laboratory	50,000	
6.	Renovate and remodel office space for Agricultural Extension Service (Information Service, Staff Services and Home Economics Extension Specialists)	25,000	
7.	Remodel Meat Laboratory	10,000	
8.	Veterinary Buildings, modernize, repair and redecorate	15,000	
9.	Mechanical Engineering Laboratories, construction of 2nd floor in open areas, repair of structural steel roof framing, repair of roof, re-vamp laboratory layouts, new lighting, painting interior and exterior	40,000	
10.	Engineering Experiment Station Laboratories, extend second floor in main laboratory complete with development of unit laboratories, new lighting, painting and general repair	30,000	
11.	Engineering Annex, remodeling to increase classroom and drafting room space, construct dark room, improve classroom ventilation and 2 new toilet rooms	15,000	
12.	Armory—remodeling to accommodate large gatherings such as commencement, convocations, 4H conventions, farm groups and basketball, including floors, acoustics, lighting, toilet and locker rooms,, ventilation, bleacher seating, etc.	150,000	
	Sub-total		$651,000

D. Campus and Grounds

1.	Sidewalk repairs and replacements	20,000	
2.	Hard-surface Pammel Drive from end of present pavement to junction with Sheldon Ave.	30,000	
3.	Construction of additional parking facilities	20,000	
	Sub-total		$ 70,000
	Total Repairs, Replacements and Alterations needs for the biennium 1955-57	$1,165,000	
	Annually	$ 582,500	

II. Equipment

1.	Division of Agriculture	$ 72,000
2.	Division of Engineering	72,000
3.	Division of Home Economics	25,000
4.	Division of Science	80,000
5.	Division of Veterinary Medicine	24,000

6.	Administration and General	50,000
7.	Microscopes	25,000
8.	Library Books	150,000
9.	Agricultural Experiment Station	75,000
10.	Engineering Experiment Station	15,000
11.	Veterinary Research Institute	22,000
12.	Other Research Agencies	15,000
13.	Agriculture and Home Economics Extension	65,000
14.	Engineering Extension	10,000
	Sub-total	$700,000

Total Equipment needs for the Biennium 1955-57 ..... $700,000
Annually $350,000

SUMMARY

Repairs, Replacements, Alterations and Equipment
Repairs, Replacements and Alterations, annually $582,500
Equipment, annually 350,000

Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57 ..... $932,500

STATE UNIVERSITY OF IOWA, FUND B

I. **Repairs, Replacements, and Alterations**

1. Utilities

A. Steam Services $120,000
   1. New feed water system is necessary to replace the old one particularly since the installation of two new boilers ($40,000)
   2. Water softener system to replace present system installed in 1926 ($80,000)

B. Electrical Services $155,000
   1. Replacement of unsafe switch gear now in use of Power Plant ($80,000)
   2. Completion of essential cable to insure uninterrupted service, replacing overloaded cable ($75,000)

Total $275,000

2. General Campus Improvements ..... $ 30,000
   For the development of parking areas, replacement of walks, planting and lawns.

3. Building repairs and alterations

Of the 25 larger buildings most used for classrooms, laboratories, offices and laboratories, the oldest was built in 1884, seventy years ago, eight are more than fifty years old, twelve are between 25 and 50 years old, five are less than 25 years old, and the average age is 38 years.

The buildings of the University as a whole contain 85½ acres of floors, 146 acres of interior wall space, 30 acres of roofs, 25 acres of glass, 10,500 doors, 40,000 electrical fixtures, 6,600 plumbing fixtures, 5,000 electric motors; they are serviced by 8½ miles of electrical conduits, 19 miles of heating pipe; and they are surrounded by 650 acres of lawns containing 6,600 trees.

The buildings used for educational purposes are repaired and altered from Fund B. These buildings alone contain 47 acres of floors, 73½ acres of interior wall surface, 16 acres of roofs and 13½ acres of glass.

To repair and replace them and to alter them to suit changing needs is a large undertaking. We estimate our biennial needs as follows:

A. Structural	$100,000
B. Floors	10,000
C. Glazing, Painting (interior and exterior)	85,000
D. Acoustics	15,000
E. Roofs	30,000
F. Plumbing and Heating	50,000
G. Lighting	45,000
H. Temperature Control and Ventilation	40,000
I. Electrical (revising)	40,000
Total	$415,000
Total Repairs, Replacements and Alterations needs for the biennium 1955-57	$720,000
Annually	$360,000

II. **Equipment**

1.	Executive Offices	$ 4,000
2.	General Services	32,000
3.	Student Service	5,500
4.	Liberal Arts	165,000
5.	Commerce	16,000
6.	Education	21,000
7.	Engineering	16,000
8.	Graduate	14,000
9.	Law	7,500
10.	School of Religion	2,500
11.	Television	40,000
12.	Examination Service	2,500
13.	Dentistry	20,000
14.	Medicine	55,000
15.	Nursing	7,500
16.	Pharmacy	35,000
17.	Child Welfare	8,000
18.	Extension	45,000
19.	Library	17,000
20.	Library Books	405,000
21.	Public Affairs	1,500
22.	Physical Plant	55,000
	Total Equipment needs for the biennium 1955-57	$975,000
	Annually	$487,500

COMMENT ON EQUIPMENT

One of the more striking phenomena of our time is the increased use and complexity of equipment and machines. We have had the problem since the end of the war, not only of keeping up-to-date, but of replacing old, worn-out and out-moded equipment. For example, some years ago we found that our dental infirmary was using equipment so old that new graduates did not know how to use the newer equipment on the market. This was the most dramatic, but by no means the only, instance of that type. Although requests for equipment seem large, they are justified. The need will continue until the University teaching research and service program have been rehabilitated and brought up-to-date.

Equipment is a very broad term, ranging from library books on the one hand to office and laboratory equipment and machines on the other. Many items of equipment, such as office furniture, including desks, chairs, bookcases, filing cabinets, typewriters, adding machines and

calculators, are common to all the departments in varying degrees. Other departments have more specialized additional requirements and the following may be considered typical: **Medicine** and **Liberal Arts**—laboratory equipment and special apparatus, such as microscopes, pH meters, centrifuges; **Law** and **Library**—books; **Television**—lighting equipment, auto-transformers, TV receivers, monitors and cameras; **Dentistry**—autoclaves, porcelain furnaces, dental operating units; **Pharmacy**—microscopes, balances, hydrogenation apparatus; **Child Welfare**—creative play equipment and playground equipment; **Extension Division**—films, film storage cabinets; **Physical Plant**—maintenance equipment, trucks, tractors, lawn mowers, wood working and metal working equipment; **Engineering College**—machine tools, surveying equipment, electrical apparatus.

SUMMARY

Repairs, Replacements, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$360,000
Equipment, annually	487,500
Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57	$847,500

UNIVERSITY HOSPITALS, FUND B

I. Repairs, Replacements, and Alterations

Part A. Basic Needs for the Maintenance of Buildings, Grounds, and Built-In Equipment	Biennium Request	
1. General roofing, stone pointing, outside carpentry and painting	$ 25,000	(2)
2. Sidewalk replacement and driveway resurfacing	6,000	(2)
3. Tunnel repair and waterproofing	5,000	(2)
4. Elevator modernization, Cars 1, 2, 3 and 4	73,000	(2)
5. Ceiling soundproofing and floor covering replacement	16,000	(1)
6. Contingency (Failures in heating, refrigeration, electrical and water systems)	20,000	(3)
Subtotal	$145,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

Part B. Program Requiring Permanent Relocation of Department Activities and or Renovation and Modernization of Present Areas	Biennium Request	
1. Renovation of Orthopedic Wards A, C, and D, and Staff Office Suite	$ 35,000	(2)
2. Out-Patient Department reorganization of clinical activity and space reassignment	30,000	(1)
3. Department of Medicine relocation of one in-patient ward and expansion of Staff Office area	45,000	(2)
4. Redevelopment of Nurseries in the Department of Obstetrics and Gynecology and expansion of Labor and Delivery Room areas	20,000	(2)
5. Redevelopment of the Fourth Floor Tower area to accommodate Staff Offices of the Departments of Urology and Obstetrics & Gynecology	12,000	(2)
6. Renovation and refurnishing of sections of Westlawn, principally in the Graduate Nurse living area	15,000	(1)

7. Redevelopment of private patient areas of 2nd and 3rd West, principally to provide more adequate toilet and bath facilities	10,000	(1)
8. Contingency to permit innumerable minor physical plant alterations required by progressive clinical and hospital staffs serving a 900-bed general hospital	20,000	(3)
Subtotal	187,000	
Total Repairs, Replacements and Alterations needs for the biennium 1955-57	$332,000	
Annually	$166,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

II. **Equipment**

Part C. Major Equipment in Categories of New or Replacement	Biennium Request	
1. Continuation of the program to improve communications between patients and nursing station by installation of intercommunication systems	$ 15,000	(1)
2. Ordinary replacement each year of one-third of hospital ambulances (21)	35,000	(3)
3. Patient care equipment: beds, bedside tables, respirators, suction apparatus, wheel chairs, stretchers, mattresses, etc.	85,500	(3)
4. Professional equipment: sterilizing, radiologic, physical therapy, laboratory, etc.	42,500	(3)
5. Miscellaneous equipment: food preparation and service, Business Office, visitor areas, desks, typewriters, files, dictation equipment, etc.	30,000	(3)
6. Air conditioning	60,000	(1)
Total Equipment needs for the biennium 1955-57	$268,000	
Annually	$134,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

SUMMARY

Repairs, Replacement, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$166,000
Equipment, annually	134,000
Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57	$300,000

PSYCHOPATHIC HOSPITAL, FUND B

I. **Repairs, Replacements and Alterations**

Estimated expense for building maintenance, repairs and replacements (including replacement of hoppers, sinks and certain bathroom fixtures)	$ 19,000
Alterations and special repairs (including new counter for business office, ventilation of dayrooms and cabinet work on wards)	$ 5,000
Total Repairs,, Replacements and Alterations needs for the biennium 1955-57	$ 24,000
Annually	$ 12,000

II. **Equipment**

New equipment and replacements—	
Furniture and Fixtures	$ 7,000
Office furniture and machines	3,000
Medical apparatus	3,000
Research equipment	2,000
Miscellaneous	1,000
Total equipment needs for the biennium 1955-57	$ 16,000
Annually	8,000

SUMMARY

Repairs, Replacements, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$ 12,000
Equipment, annually	8,000
Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57	$ 20,000

STATE BACTERIOLOGICAL LABORATORY, FUND B

I. Repairs, Replacements, Alterations and Equipment
(This request is for equipment only.)

During 1953-54 a total of $10,000 was expended for equipment. This is normal for existing operations. A new program known as T.P.I. is proposed. Dr. Borts, the director of the Laboratory, has this to say about it:

"This test (Treponema Pallidum Immobilization) is said to be specific for syphilis while the present tests are non-specific. It is apparent that the T.P.I. test will not replace the present tests but it is a very valuable adjunct. Non-specific or so-called false positive reactions are obtained with sufficient frequency as to cause great problems in interpretation. The Department of Dermatology, University Hospitals, and other centers diagnosing and treating syphilis as well as practicing physicians are asking help in this direction. There is no reference source such as the United States Public Health Service where specimens may be referred for T.P.I. testing."

The required laboratory for the T.P.I. program will cost $15,000. To cover all equipment needs, $25,000 should be available the first year of the next biennium and $10,000 the second year.

Total Repairs, Replacements, Alterations and Equipment needs for the biennium 1955-57	$ 35,000
Annually	$ 17,500

HOSPITAL SCHOOL FOR SEVERELY HANDICAPPED CHILDREN, FUND B

I. **Repairs, Replacements and Alterations**

This is an estimate. Experience shows that every problem in the use and occupancy of a building cannot be anticipated. This is especially true of a highly specialized service for children, no two of whom are likely to be handicapped in identical fashion. This is a guess as to what experience may show is necessary to make the building most adequate for its purposes.

Total Repairs, Replacements, and Alterations needs for the biennium 1955-57	$ 10,000
Annually	$ 5,000

II. **Equipment**

There is as yet no adequate experience upon which to base an accurate estimate of needs for a school of enlarged size. Nor can need ever be accurately anticipated without knowing the patients to be admitted. Many patients require some special equipment because of the variety of their handicaps, or the degree of severity in the same handicap, or the extent of the involvement. Two arthritic patients may require different types of equipment depending upon the length of illness and severity of the disease. Also, new equipment, as it is developed and brought on the market, should be available not only for the sake of the patients, but also because this is a training school for workers in the field, i. e., teachers and therapists, who should be acquainted and able to work with the best equipment available.

Total Equipment needs for the biennium 1955-57 ..... $ 30,000
Annually ..... $ 15,000

SUMMARY

Repairs, Replacements, Alterations and Equipment
Repairs, Replacements and Alterations, annually ..... $ 5,000
Equipment, annually ..... $ 15,000

Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57 ..... $ 20,000

LAKESIDE LABORATORY

Repairs, Replacements, Alterations and Equipment Needs, annually, 1955-57 ..... $ 3,500
During 1953-54 a total of $3,300 was appropriated.

COMMENT

In the Lakeside Laboratory, we have a highly valuable adjunct to the University, and to the other institutions under the Iowa State Board of Education. The Laboratory has enjoyed the support and cooperation of faculty members from many of the private colleges of the State.

Money for capital improvements is being specifically requested to meet specific needs. The above sum is asked for ordinary repairs, replacements, alterations and equipment or any unusual or extra capital expense.

No appropriation for Salaries, Support and Maintenance is requested. The general operation of the Lakeside Laboratory is on a self-supporting basis.

IOWA BRAILLE AND SIGHT-SAVING SCHOOL

I. **Repairs, Replacements, and Alterations**

It takes more than $10,000.00 per year to meet the general recurring need of a school whose buildings are valued conservatively at well over $1,000,000.00. The result of a continuing inability to "catch up" with needed repairs, replacements and alterations is apparent each biennium when requests for more and more major repairs are made of the legislature. Fifteen thousand dollars ($15,000) is the minimum need **each year** for repairs, replacements and alterations.

1. **General Recurring Needs** ..... $ 30,000
   In addition to the $15,000 per year for general recurring needs, many major repair items are urgently requested. The following represents the most vital needs for major repairs. Priority should be given to these items in the order listed.
2. **Rewire the Main Building**
   The electric circuits of this building have been overloaded for many years. Since 1949 many new classrooms have been added. Classrooms always place a heavier electric load on an area than does dormitory space.
   The old wire is too small to meet present demands. With need for additional classrooms becoming more pressing each year, the necessity for completely rewiring the Main Building is obvious.
   Estimated Cost 30,000
3. **Continue Repairs on the Eaves of the Main Building**
   The $20,000.00 appropriated by the Fifty-Fifth General Assembly for this project, although the amount requested, proved insufficient to do the extensive repair work needed. Eaves, cornices, gutters, downspouts and roof supports must be replaced, repaired or added.
   Estimated Cost 35,000
4. **Repair and Reinforce Sub-Basement of Main Building**
   The inner and outer walls of the Main Building are rapidly deteriorating. Excessive spalling is particularly noticeable on the inner walls of the north wing. A major problem of reinforcing and repairing is obvious.
   Estimated Cost 40,000
5. **Renovate Assembly**
   The assembly needs to be renovated. The seats must be replaced, new drapes purchased, the floor sanded, the walls and ceiling painted.
   Minimum Cost ..... $ 5,000

Repairs, Replacements, and Alterations needs for the biennium 1955-57 ..... $140,000
Annually ..... $ 70,000

II. Equipment

A careful analysis of Equipment needs for each year of the 1955-1957 biennium indicates a minimum need for $11,250, or $22,500 for the next two years. Some of the equipment items needed for the next biennium are:

1. **Administrative**
   Check writer; typewriters; file cabinets; station wagon $ 3,045
2. **Educational**
   Playground equipment; classroom furniture; typewriters; dictaphone machine; visual aids and sound equipment; light fixtures; maps, globes, talking books, etc.; new looms for industrial arts; science laboratory equipment; shop equipment; gym equipment; sewing machines; washing machine and dryer ..... $ 8,100
3. **Medical**
   Sterilizer; furniture; compressor for dentist's office ..... $ 925
4. **Dietary**
   New refrigeration equipment for cold storage; large mixer; electric oven for bakery ..... $ 4,000
5. **Heating Plant and Buildings and Grounds**
   Vacuum and water pumps; high pressure steam valves; electric motors; hot water tanks; metal lathe; ladders $ 3,030

6. **Housekeeping and Laundry**
   Furniture; new tub and dryer; radios, TV sets, dormitory play equipment; sewing machines for dormitory; vacuum cleaner; wall washing equipment ..... $ 3,400
Total Equipment needs for the biennium 1955-57 ..... $ 22,500
Annually ..... $ 11,250

SUMMARY

Repairs, Replacements, Alterations and Equipment
Repairs, Replacements and Alterations, annually ..... $ 70,000
Equipment, annually ..... $ 11,250

Total Repairs, Replacements, Alterations and Equipment needs, annually 1955-57 ..... $ 81,250

IOWA SCHOOL FOR THE DEAF

I. **Repairs, Replacements, and Alterations**

1. Power Plant and Utilities ..... $ 10,000
   Repair work on generator
   Repair lining in boilers No. 1 and No. 2
   Replace boiler feed pump
   Replace water pipes and return lines to Main building (hot water only)
   New tubes and baffling boiler No. 1
2. Tunnels ..... $ 10,000
   Replace tunnel piping, supports, expansion joints and insulation
3. Buildings and grounds
   a. Repair roofs on School building, Main building and Primary Hall. Install asphalt tile in Boys' Dormitory ..... $ 5,000
   b. Replace some old lighting fixtures with fluorescent fixtures in school building ..... $ 1,000
   c. Dwellings, install humidifiers and temperature controls ..... $ 500
   d. Campus; asphalt coating on tennis court ..... $ 200
   e. Vocational building—window screens, 1st floor ..... $ 500
4. Teen-age Room; remodel basement ..... $ 5,000
5. General Recurring Repairs ..... $ 10,000

Total Repairs, Replacements and Alterations needs for the biennium 1955-57 ..... $ 42,200
Annually ..... $ 21,100

II. **Equipment**

1. Administration
   a. Office equipment; filing cabinets, check writer, dictating equipment, adding machine, inter-communication system, new telephone equipment ..... $ 2,500
   b. New car ..... $ 1,000
2. Academic Department
   a. Desks, chairs, charts, maps, globes, books, instructional film and typing equipment ..... $ 5,000
   b. Audio training equipment and supplies ..... $ 4,000
   c. Athletic equipment ..... $ 2,000
3. Vocational Department
   a. Baking; new oven ..... $ 1,000
   b. Woodworking, alter exhaust system, new shaper, drill press, electric drill ..... $ 1,000

c. Home Economics Department, gas range and new sewing machine	$ 400
d. Printing Department, new rotary perforator	$ 800
New Intertype (typesetting machine)	$ 10,000
4. Deaf-Blind Department, desks, chairs and instructional equipment	$ 500
5. Dietary Department	
a. Main building kitchen, new dishwasher, potato peeler	$ 1,500
b. Primary Hall, kitchen equipment	$ 500
6. Household department, mattresses, rugs, beds, desks, TV sets and playground equipment	$ 3,500
7. Laundry; new presses, sleever, steam and hand iron and tumbler	$ 3,000
Total Equipment needs for the biennium 1955-57	$ 36,700
Annually	$ 18,350

SUMMARY

Repairs, Replacements, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$ 21,100
Equipment, annually	$ 18,350
Total Repairs, Replacements, Alterations and Equipment needs annually, 1955-57	$ 39,450

STATE SANATORIUM

I. **Repairs, Replacements and Alterations**

1. Remodeling basement rooms of Medical Admission Wing to provide space for autopsy room, laboratory research, and increased laboratory routine	$ 24,000
2. Conversion of cottages, now used by patients, to employee housing	12,000
3. Repairs to Sanatorium roads	6,000
4. Repairs to Plumbing, Heating, Electrical and Steam lines in entire institution	12,000
5. Repairs to power plant equipment	12,000
6. Painting and Plastering rooms in Hospital and other buildings	24,000
7. Repair Roofs and Walls to brick buildings	12,000
8. Miscellaneous repair needs	12,000
Total Repairs, Replacements and Alterations needs for the biennium 1955-57	$114,000
Annually	$ 57,000

II. **Equipment**

1. Office Equipment	$ 4,800
2. Medical Service Equipment	11,400
3. Dietary Equipment	7,200
4. Housekeeping Equipment	3,000
5. Buildings and Grounds Equipment	4,800
6. Hospital Room Furniture	18,000
7. Employee Room Furniture	12,000
8. General Equipment replacement	12,000
Total Equipment needs for the biennium 1955-57	$ 73,200
Annually	$ 36,600

SUMMARY

Repairs, Replacements, Alterations and Equipment	
Repairs, Replacements and Alterations, annually	$ 57,000
Equipment, annually	36,600
Total Repairs, Replacements, Alterations and Equipment needs annually 1955-57	$ 93,600

STATE BOARD OF EDUCATION

CAPITAL IMPROVEMENTS

APPROPRIATION REQUIREMENTS—56th G. A.

The State Board of Education, in formulating its recommendations for Capital Improvements for the coming biennium, is keenly aware of the need of placing before the Governor and the 56th General Assembly an orderly plan which, in its best judgment, will provide the necessary improvements to meet the needs of the six institutions under its jurisdiction.

Future building needs were studied in the light of future enrollments that are predicted by the record of births in Iowa and nation, (see the chart showing births in Iowa and the nation at the end of Section I of this book). Another factor that influenced the need for capital improvements was the immediate need in certain areas for major remodeling to make better use of existing space. Some facilities that are already out-grown need to be expanded and enlarged. Obsolete and temporary buildings have become increasingly costly to maintain and have long since passed their period of usefulness. Inadequate facilities need to be entirely relocated and rebuilt.

Some buildings that have been built recently represent but part of the total unit required. For effective use these units should be completed.

Utilities such as power and heating plants must be expanded and improved to keep pace with the growing physical plants.

In brief these are some of the major factors considered by the Board in determining its recommendations for Capital Improvements. They may be summarized as follows:

1. To provide facilities for the increase in enrollment that is predicted by the birth record (see chart on births in the appendix).
2. Expand and enlarge existing facilities that have already been out grown.
3. To recapture waste space in some present buildings that are sound but inefficient.
4. To replace obsolete, worn out and temporary structures with permanent buildings.
5. To complete facilities that have already been started.
6. To continue improvements in power and heating plants and utility systems and to increase their capacity.

Thus the Board prepared its recommendations for Capital Improvements to be submitted to the Governor and the 56th General Assembly. The Board kept in mind that it had an obligation to see the state's

institutions are ready to meet the demands that will be made on them and to plan the improvements for gradual completion so that the burden does not fall on the state all at one time.

The Capital Improvements recommended by the State Board of Education for 1955-57 are shown on the following pages:

IOWA STATE TEACHERS COLLEGE

SUMMARY

1.	**Campus Laboratory School (Unit C) and equipment**	$ 597,500
2.	Health Service Building and equipment	350,000
3.	Safety Education—Driver Training Building and equipment	50,000
4.	Heating Plant improvements—replace two old boilers and replace coal handling and coal feeding mechanisms	480,000
	Total	$1,477,500

EXPLANATION

1. **Campus Laboratory School (Unit C) and equipment** $ 597,500

Unit A of the Campus Laboratory School was completed in September 1953; Unit B is under construction and is expected to be completed in September 1955. A further appropriation of $597,500 is needed for the completion of the remaining unit of the building, which will house the Physical Education program for the entire school.

Completion of the Campus School is, by all means, the most important single step in the campus development program at the Iowa State Teachers College. The Campus School serves as a center for observation and student teaching, and stands as a demonstration to the people of the state as to what constitutes a good public school with respect both to building and instructional program. This building bears the same general relationship to a teachers college as a general hospital bears to a college of medicine.

2. **Student Health Service Building and equipment** $ 350,000

The Student Health Service is now housed in two obsolete frame houses and a very modest hospital building. The facilities are entirely inadequate to serve the student body. This building has been requested since 1940 and is urgently needed.

3. **Safety Education—Driver Training Building and equipment** $ 50,000

The College maintains one of the strongest programs for training of teachers in the field of Safety Education and Driver Training to be found in the midwest. Approximately four-fifths of the teachers offering such instruction in Iowa high schools at the present time have been trained at Iowa State Teachers College. The program is handicapped, however, by lack of adequate classroom and laboratory space designed for this type of instruction. Classes are held in various classrooms all over the campus, and the laboratory building is a temporary structure which serves as garage and, to some extent, as laboratory. A small structure providing laboratory, classroom and office space will greatly facilitate this important program.

4. **Heating Plant Improvements** ..... $ 480,000
Substantial improvements were made in the heating plant during the period from 1948 to 1952. At this time the capacity of the plant was substantially increased by the addition of a new boiler, and it was understood that a second project replacing two old, small boilers with one new one would need to be begun about 1955. The impending growth of the college makes it more important than ever that this basic improvement of the heating plant be carried through to completion.
Brown Engineering Company of Des Moines has studied the load records for the last seven years bringing up to date its earlier report concerning the heating plant and has projected the anticipated load in the future. On the basis of its recommendations, the Board is requesting $480,000 in order to replace two old obsolescent boilers (rated capacity 10,000 pounds per hour each) with one large modern boiler (rated capacity 60,000 pounds per hour) and to replace the coal handling and coal feeding mechanism now in use. The boiler, put into operation in the late 1940's, has recently been converted for firing of natural gas, but it is necessary to maintain coal handling equipment for stand-by purposes since natural gas can be obtained by an institution such as the Teachers College, on the interruptable basis only. New equipment added in the future will, of course, be designed to handle both natural gas and coal. Electric generating equipment is deemed to be adequate for a considerable period in the future;—no expansion of these facilities is contemplated at the present time.

IOWA STATE COLLEGE

SUMMARY

1.	Home Economics addition and equipment	$ 950,000
2.	Library addition and equipment	975,000
3.	Animal Industries Building and equipment	1,500,000
4.	Power Plant additions:	
	a. Turbo-generator unit complete	470,000
	b. Steam generator unit complete	375,000
5.	Beef Cattle Nutrition Barn and Laboratory, completion of project	73,500
	Total	$4,343,500

EXPLANATION

1. **Home Economics Building addition and equipment** ..... $ 950,000
It is essential that additional space be provided for the expanded program of the Division of Home Economics. When the present building was erected in 1926, the division had a total enrollment of 1,056 students. Enrollment in the fall of 1953 was 1,533. Many activities of the division including classes, laboratories and research are conducted in temporary buildings elsewhere on the campus. In a survey of building facilities provided for Home Economics in a group of the leading institutions in this field, it was found that the building area per under-graduate student at Iowa State College now available is less than one-half that provided by the lowest of the group.

2. **Library addition** *.....$ 975,000
The present Library building was constructed in 1925. By 1940 the limit of available storage space for books had been reached and a metal storage building was constructed. This building has also reached the limit of its capacity. In addition to the need for book stack facilities, additional space has been badly needed for many years for study rooms, classrooms, reading rooms and offices for administrative personnel. The great increase in enrollment in the past twenty years has taxed the present facilities far beyond capacity, and further enrollment increases will make it mandatory that additional space be provided in the form of an addition to the present building.

3. **Animal Industries Building**.....$1,500,000
Over eighty per cent of the total cash farm income in Iowa is derived from the sale of livestock and livestock products. When the size and scope of the meat packing and processing industry is added to this total, it indicates the importance of the livestock industry to the State's total economy. It is vitally important to all segments of society that Iowa State College continue an aggressive program in research and education in the various field of the animal sciences. This will require additional facilities in the immediate future.
In previous legislative askings, we have requested a Poultry Industries * Building and an Animal Husbandry pavilion. Further studies indicate that these two buildings could well be combined into a single unit. The Animal Industries building would be designed to provide classrooms, research and teaching laboratories, and small animal laboratories for the departments of Animal Husbandry, Dairy Husbandry and Poultry Husbandry. This building would greatly facilitate the concentration of all activities relating to the animal sciences in one area and thus greatly increase the research and teaching programs in all of these fields.

4. **Power Plant Additions, consisting of:**
   a. Turbo-generator unit complete with condenser, piping, switchgear, foundation and all appurtenances.....$ 470,000
   b. Steam generator unit complete with stoker, piping, controls, foundations, coal and ash handling facilities and all appurtenances.....$ 375,000

   The College operates its own electric and steam generating facilities. As in the public utility field, electric loads of the College plant continue to increase due to the many new developments requiring electric energy. At this stage of the building program, the addition of the buildings planned will require the installation of an additional boiler unit and an electric generator for serving the needs of the central heating system and power generation. Provision for these units was made in planning the power plant expansion some years ago.

5. **Beef Cattle Nutrition Barn and Laboratory, completion of project**.....$ 73,500
With the approval of the Budget and Financial Control Committee this amount of the appropriation by the 55th General Assembly was used to purchase a farm for this project. The funds remaining of the $250,000 appropriated were not adequate to complete the project. This request will enable the College to complete the work.

*The 51st General Assembly appropriated funds for the erection of ten buildings including those marked by an asterisk above. Due to the scarcity of materials and abnormal conditions in the construction industry, none of the appropriation had been spent up to January, 1947. Prices of construction had advanced greatly by that time, and the 52nd General Assembly supplemented the original appropriation with additional funds. Construction costs continued to climb, however, and the funds provided by the 51st and 52nd General Assemblies were insufficient to complete the original program. The Board of Education reviewed the situation and determined to complete a portion of the program and to defer the balance. The items indicated by the asterisk were in the original program of ten buildings, but were deferred and have never been constructed for the reasons set forth above.

STATE UNIVERSITY OF IOWA

SUMMARY

1.	Television	$ .....
2.	Music, adapting and equipping an existing building for Music (Eastlawn Dormitory)	100,000
3.	McBride Auditorium—rehabilitation	110,000
4.	Laundry—building and equipment	150,000
5.	Law Annex and equipment	500,000
6.	Utilities	950,000
7.	Pharmacy building and equipment	1,200,000
8.	Library additions and equipment	1,200,000
9.	Remodeling vacated space and land purchases within campus boundaries	100,000
10.	Lakeside Laboratory improvements	30,000
	Total	$4,340,000

EXPLANATION

1. **Television**
No appropriation is requested in the absence of an affirmative policy in regard to state-wide educational television

2. **Music**—adapting and equipping an existing building for music, Eastlawn Dormitory ..... $ 100,000

The Ten Year Program (1944) proposed moving music to the West Campus, north of the Dramatic Arts Laboratory. Lack of funds has kept music housed in the old Isolation Hospital (remodeled), in low cost band and orchestra rehearsal halls, and in temporary barracks and old houses at the eastern edge of the campus. Yet music deserves better housing. "Give me the making of the songs of a nation," said Andrew Fletcher in 1703, "and I care not who makes its laws." The State deserves one great department of music in its system of higher education. It now has such a department at the University. That department deserves more adequate facilities.

The need is for (1) practice room for 500 practice hours daily, (2) six additional teaching studios, (3) four additional classrooms, (4) listening rooms for recorded music, (5) space for books and musical scores, and (6) space for choral materials.

To meet this need, without precluding an ultimate move to the West Campus, the Board proposes to remodel Eastlawn, once a nurses home and more recently a dormitory for University women. Its availability is contingent upon the construction of new alternative dormitory space for University women.

The Board made a high priority request for $576,000 to the 55th General Assembly for a supplementary music building, but it was passed over. We urge this alternative as the best interim solution to a pressing problem.

3. **McBride Auditorium—rehabilitation** ..... $ 110,000
The University has no auditorium that will seat an audience of more than 500 in any degree of convenience or comfort. The Union Lounge and the Field House can be set up, but only where there are no conflicts with their required programs and then at great expense. McBride Auditorium needs to be rehabilitated. It has a capacity of about 1,200. With proper air conditioning, floor alterations, new seats, etc., it could be developed into a good, if not great, auditorium—at great savings of labor and expense for set-ups in the Union and Field House. It would get extraordinarily heavy usage if its poor ventilation and ancient seats could be eliminated.

4. **Laundry Building** ..... $ 150,000
The present laundry building stands east of East Hall on the east side of Gilbert Street near Iowa Avenue.
East Hall was the University Hospital from its construction until removal of the Medical School to the West Campus about twenty-five years ago. When that change took place, the power plant for the old hospital fell into the discard. The present laundry facilities were created by converting that old power plant to laundry purposes.
The building stands at the extreme eastern end of the campus. It is a heavy user of steam, water and electricity. It is hard to conceive of a more inefficient arrangement than the one resorted to years ago in adapting to laundry purposes an old power plant, standing far from the sources of water, heat and electricity, and placing the maximum demands upon the utility lines.
A new, well designed laundry building, erected close to the University Power Plant and the source of the utility services, will be worth its cost in efficiency, economy and increased service.

5. **Law Annex** ..... $ 500,000
The Ten Year Program of 1944 proposed a new Law Classroom and Library Building on the West Campus, north of the Law Commons. However, we are faced with a serious condition that calls for temporary relief. The present Law Building is overcrowded. We are patching things up with temporary structures and other makeshifts, but much law library material is rapidly becoming inaccessible or is being stored in unsafe places. To correct a critical situation, we are requesting $500,000 either to build an annex, adjacent to the present building or to the existing Law Commons. Such an annex would be constructed so that it might be used for other purposes upon construction of a law classroom and library under the long-range plan. The proposed annex is not a "special purpose" annex. It will be useful for other general purposes when no longer needed for law.

6. **Utilities** ..... $ 950,000
   a. Water reservoir, piping, and pumping equipment
   b. To extend low pressure exhaust steam lines on the east and west campus, thereby fully utilizing steam for heating purposes, and to relieve load on boilers
   c. Electrical generator-turbine

The present rated generator capacity is 3000 K.W.
The present peak loads run from 4000 to 4500 K.W.
These are in accord with the program outlined in the Sargent and Lundy recommendations, except that we are far behind the time-table proposed therein.

7. **Pharmacy (Building and equipment)**.....$1,200,000
Since 1926 Pharmacy has been housed in slightly less than two floors on one wing of the Chemistry-Pharmacy-Botany Building. Beginning in 1940 it has been forced to expand into temporary structures adjacent now totalling 6,750 square feet.
The space in the wing was designed for 85 undergraduates in a two year pharmacy program. There are now 171 undergraduates in a four year program, and enrollments—or requests to enroll—will increase. Graduate work was started in 1937, and there now are fourteen graduate students in the pharmaceutical sciences. Graduate work in that field is of increasing importance and we could have, and should have, many more graduate students if space permitted. It has also been necessary to add training, especially in hospital pharmacy. The pharmaceutical manufacturing laboratory not only provides important professional training, but 381 items in 41 classifications totalling more than 100 tons of pharmaceutical products were fabricated in the laboratory for the University and its hospitals in a typical year, all at a substantial savings to the State.
The congestion in the present quarters is hardly tolerable and the hazard from inflammable chemicals is very great. The rank and standing of the College educationally, as well as its great services to the University, entitle it to a home commensurate with its reputation.
The College and its activities belong on the West Campus adjacent to the Hospital, as a part of the long range development of a great Health Center on the West Campus.

8. **Library—additions and equipment**.....$1,200,000
The library is built on the modular plan, each module being 19½ feet by 27 feet on column centers with approximately 8 feet clearance from floor to finished ceiling. This type of construction with movable partitions permits the maximum flexibility in interior arrangement, and the maximum efficiency and economy in the use of floor space.
The request now is for an appropriation of $1,200,000 for additions and improvements to the Library as follows:
(1) The first is an addition to provide for library expansion. When the present structure was built, the plans had to be reduced drastically to stay within available funds that we cannot use the building as effectively as an educational unit as we had planned. Added volumes have reduced the free space. Additional modules and equipment are needed to care for book acquisitions during the next ten years. It is estimated that approximately one half of the appropriation would be expended, and that approximately 51 additional modules would be added for this purpose.
The original plans for the Library called for air conditioning, but rising building costs compelled its elimination. Nevertheless, the Shambaugh Lecture Hall and certain nearby areas are much in need of air conditioning. It is proposed that approximately $50,000 be spent for this purpose.

(2) Units such as the Bureau of Business and Economic Research, the School of Social Work, the Institute of Public Affairs, Communication Skills, a part of the English Department, etc., are housed in temporary structures—nine years after the end of World War II. Most of the above units make extraordinary demands on the Library. It is proposed to expend the balance of the above sum in the construction and equipping of additional modules to house the above mentioned units in a permanent structure. The construction of the University Library was a turning point in academic library construction. Iowa should be proud to have it, and to seek adequate additional space for the housing therein of important related activities.

9. **Remodeling vacated space and land purchases within campus boundaries** ..... $ 100,000

Remodeling of vacated space

The preceding requests contemplate the vacation of some space in existing buildings. Provision should be made for the remodeling of that space for other uses.

Land purchases

In 1945 the General Assembly appropriated a land purchase fund for the acquisition of lots, houses, and other real estate that might become available within the general campus boundaries fixed by the Iowa State Board of Education. We believe that the fund, always expended with the consent of the Executive Council, was wisely appropriated and wisely spent. It is now exhausted.

The appropriation of $100,000 for remodeling and for land purchases would also be a wise investment by the State.

10. **Iowa Lakeside Laboratory** ..... $ 30,000

The above sum is requested for three purposes:

(1) The first is to replace old dilapidated cabins with three four-cottage units each under one roof. One four-cottage unit will be built this spring to replace three old cabins. This proposed addition would complete the cottage rehabilitation project around the Mall and furnish housing space for anticipated enrollment increases for the summer program at the Laboratory. Estimated cost—$13,500—$4,500 for each four-cottage unit.

(2) A center for study, recreation, conferences and institutes; such a center would make it possible to hold conferences and institutes at the Iowa Lakeside Laboratory without depriving students in residence of the use of the library while such meetings are held. Estimated cost $10,000.

(3) Enlargement of the bathhouse and toilet facilities. With increased enrollment and the holding of conferences and institutes at the Laboratory additional bath and toilet facilities are needed. Estimated cost $5,000.

(4) Contingency $1,500.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

SUMMARY

1. Children's Cottage Additions, remodeling and equipment	$155,000
2. New Gymnasium and equipment	275,000
Total	$430,000

EXPLANATION

1. **Children's Cottage Additions, remodeling and equipment** $155,000

One of the immediate and major problems which faces the school is adequate housing for boys in the primary grades—kindergarten, first grade and second grade. The capacity of the dormitory areas now occupied by boys in these grades is thirty-four. Including the boys who are now in the kindergarten, first grade and a few who are in the second grade, we are now housing thirty-one boys in the Children's Cottage. This is three less than capacity and may increase during the current school year. Ordinarily, all second grade boys would be housed in the Children's Cottage.

The Pre-School list is being increased at an unprecedented rate. It seems obvious that present facilities for boys in the primary grades will be crowded beyond capacity by September, 1955.

Visually-handicapped kindergarteners and first graders can be better educated when their classrooms are near their living quarters or in the same building. With the two classrooms in the Children's Cottage being used for kindergarteners, with two first grade classrooms scheduled for September, 1954, and with the prospect of this need for two classrooms for each of the grades continuing for the foreseeable future, the following is recommended as the best solution of the problem of dormitory space for boys and classroom facilities for the kindergarten and first grade.

This can be done by adding and equipping one more dormitory area for boys, two first grade classrooms, additional dining room space, and an apartment for another houseparent. This Children's Cottage Addition and Remodeling should be given first priority in considering needs for capital monies.

2. **New Gymnasium and equipment** $275,000

A new gymnasium and equipment has been a major need for many years. The present gymnasium has been condemned by competent architects and engineers as structurally unsound. It is too small for the ever-expanding physical education program which includes remedial physical education, intramural sports, varsity wrestling in addition to general physical training for all students.

Mr. Ben W. Schaefer, Superintendent, Physical Plant Department, Iowa State College, surveyed our major capital and repairs, replacements and alterations needs on August 15, 1954. He comments as follows: "New Gymnasium and Equipment: A careful inspection of the brickwork of the present gymnasium building has been made. The brickwork is in a bad state of deterioration and there seems to be no way to correct the condition . . . to construct and equip a new gymnasium . . . would, in my opinion, cost approximately $275,000 . . . it would be my recommendation further that the whole present gymnasium be razed."

IOWA SCHOOL FOR THE DEAF

SUMMARY

1. New Primary School Building and equipment	$300,000
2. Remodel present primary unit into dormitory and dining facilities and equipment for 125 children	125,000
3. Power Plant improvements—increase capacity and modernize	75,000
Total	$500,000

EXPLANATION

1. **New Primary School Building and equipment** $300,000
2. **Remodel present primary unit into dormitory and dining facilities** $125,000

There is a critical need for additional and improved housing and dining room facilities for our primary children from ages 5 to 8 years of age, as well as to modernize the school room arrangements for them. The school has outgrown its present Primary school and dormitory building where ninety pupils are now housed and taught; while the building was built to take care of about fifty girls and boys.

Classrooms are too small for most effective work and pupils are without adequate and convenient locker, lavatory and bathing facilities. Some of the very young children have had to be crowded into the main building dormitory for lack of adequate facilities for children of their age in Primary Hall. This situation is not good from an educational standpoint.

To solve the problem, it is proposed to build a new Primary School building for 125 boys and girls and to remodel the present Primary Hall building into dormitory and dining room facilities. This capital improvement would provide modern and adequate educational housing and dining room facilities for all primary children in the foreseeable future and would make good use of our present Primary Hall unit.

3. **Power Plant improvements—increase capacity and modernize** ..... $ 75,000

The present generating equipment consists of two engine-generator sets thirty six years of age or older. It is impossible to parallel these with the utility company and their capacity is not great enough for the demand of the school.

It is recommended that a turbine generator of 250 kilowatt capacity be installed to exhaust into the steam heating system and that the necessary piping and electrical changes be included in the project. With equipment of this type, parallel operation with the utility company may be maintained and when operating by itself clocks and other electrical equipment may be kept more accurate than is possible with an engine generator.

STATE SANATORIUM

SUMMARY

1. Building 53—Kitchen, Dining Rooms and Patients' Rooms and equipment	$ 657,000
2. Building 49—extension of Service building and equipment for Ambulance Receiving Room, Conference rooms and mail distribution center	60,000
3. Addition to Power Plant building and equipment	434,400
4. Road construction	70,000
Total	$1,221,400

EXPLANATION

1. **Building 53—Kitchen, Dining Rooms and Patients' Rooms and equipment**		$ 657,000
Building 53—Kitchen, dining room and patients' rooms	$480,000	
Equipment for kitchen	50,000	
Equipment for Dining rooms	10,000	
Equipment for Patients' rooms	30,000	
Remodeling section of Main Hospital Building for connecting link with Building 53 *	30,000	
Contingencies, architectural fees and Clerk of the Works	57,000	

(* Remodeling will consist of removing linen and sewing rooms on ground floor, removing staff offices on first floor, removing rooms for patients on second and third floors of Main Hospital and making them into dishwashing rooms, employee washrooms, service facilities for dining rooms in Building 53 and connecting corridors between Main Hospital and Building 53. It will also cover cost of transforming old kitchen area into maintenance employee dining room, office for directors of housekeeping, linen and sewing rooms and renovating staff dining rooms for use as patients dining rooms.)

This building is to be constructed between and connect the Main Hospital Building to Building 52 (Surgical Wing Addition). The ground floor will house the food preparation facilities, dietitian's office and food distribution equipment. The first floor will provide staff dining rooms and services and will include a doctor's office and rooms for three patients. Second floor will house sixteen patients and will provide four beds for employee sick. This floor will also have a doctor's office, washrooms and janitor's closet. The third floor will be used mainly for isolation and violent cases. It will house eighteen beds, cart room and other facilities. This building when completed will provide forty one beds and permit abandonment of some of the old cottages as housing for patients.

Most patients will then live in the hospital or in new building connected by corridors to the hospital, thus permitting better medical and nursing care, centralized feeding services and providing access to all patient areas without disturbing out-patient services in Building 51, (Auditorium-Clinic).

2. **Building 49**		$ 60,000
Building 49—extension of Service Building	$ 50,000	
Equipment for conference rooms, mail distribution center and ambulance receiving room	5,000	

Architect's fees, Clerk of the Works and contingencies	5,000	

This two story building will be connected to the Medical Admission Wing and corridor linking Main Hospital Building to Building 51, Auditorium-Clinic. The ground floor will house a mail room for sorting and distribution of all incoming mail and an ambulance room equipped with a dock for loading and unloading stretcher cart patients. The first floor will house consultation and conference rooms to be used for many purposes. They are needed to improve teaching services to medical students and nursing students from the State University of Iowa and services to the out-patient clinic. The conference room will be used for medical staff conferences, visiting nurse associations, administrator groups and various other hospital associated organizations.

3.	**Addition to Power Plant Building and Equipment**		$ 434,400
	a. Power Plant Addition—Building	$ 45,000	
	b. Power Plant equipment:		
	15,000 pound per hour boiler for either coal or gas	64,500	
	400 KW turbine generator and accessories	24,000	
	400 KW medium speed dual fuel diesel generating unit for oil or gas	71,600	
	Cooling tower for diesel generating unit	3,100	
	Water treatment equipment	26,500	
	Boiler feed pump	700	
	Stub stack	3,000	
	Piping	10,000	
	Ash handling equipment	5,400	
	Electrical work	23,000	
	Natural gas piping, regulators, etc.	8,500	
	Contingencies	28,500	
	Engineering and Clerk of the Works	31,400	
	c. Heating System:		
	1200 ft.—12 inch L. P. Steam main in conduit	38,400	
	Return lines, pressure reducing valve and minor replacements	4,000	
	Contingencies, Engineering and Clerk of the Works	8,900	
	d. Electrical Distribution System:		
	7500 foot 6600 volt overhead and underground lines	9,800	
	Distribution transformers	8,000	
	Conversion of D. C. equipment	7,500	
	Removal and replacement of old lines and materials	5,900	
	Engineering, Clerk of the Works and Contingencies	6,700	

The Power Plant is equipped with two 315 H. P. water tube boilers installed in 1928 and one 362 H. P. unit installed in 1938, one Corliss Steam Engine driving a G. E. 100 kw Generator one Ideal Steam Engine driving a Westinghouse 75 kw generator. No major improvement has been made in this plant since the boiler installation in 1938. The Sanatorium generates only direct current to supply about 25% of the institution electrical needs. Approximately $1,000 is spent each month for electrical energy from the utility company. New buildings have been added without in-

creasing capacity of the plant to furnish any of the required services. Completion of the above outlined project should enable the power plant to furnish all electrical service, steam, water and heat to the entire institution.

4. **Road Construction** ..... $ 70,000
   a. One mile of concrete road 20 ft. wide and 6 inches thick ..... $ 60,000
   b. Excavating and building road bed 4,000
   c. Engineering fees and supervision 6,000

This proposed project will provide a concrete road from near the south entrance to the Sanatorium to the Main Hospital Building and the connecting roads adjacent to all areas of housing for patients. Except for a small section near the Medical Admission Wing all roads within the institution are now built with cinders. These require continuous maintenance work to make smooth as possible and eliminate some of the dust. Each year approximately $3,000 is spent for grading, applying cinders and oiling.

SUMMARY OF APPROPRIATION REQUIREMENT—ANNUAL BASIS 1955-57 BIENNIUM

(Approved by State Board of Education—9/10/54)

Institution and Fund	1953-1955 55th G.A. Appropriation	Approved by Board of Education
Iowa State Teachers College		
S. S. & M.	$ 2,614,750	$ 2,777,535
R. R. A. & E.	207,980	
R. R. & A.		167,043
Equipment		109,364
Iowa State College		
S. S. & M.		
General College operation	4,531,501	4,861,169
Research	1,601,875	2,033,611
Extension	903,102	1,039,283
R. R. A. & E.	600,000	
R. R. & A.		582,500
Equipment		350,000
State University of Iowa		
S. S. & M.	7,187,000	8,214,038
R. R. A. & E.	639,200	
R. R. & A.		360,000
Equipment		487,500
Lakeside Lab.—R. R. A. & E.	3,300	3,500
University Hospital		
S. S. & M.	3,635,200	3,958,500
R. R. A. & E.	197,500	
R. R. & A.		166,000
Equipment		134,000
Psychopathic Hospital		
S. S. & M.	357,286	421,586
R. R. A. & E.	18,400	
R. R. & A.		12,000
Equipment		8,000
State Bacteriological Laboratory		
S. S. & M.	196,100	206,581
R. R. A. & E.	2,200	17,500
R. R. & A.		

Equipment	55th G.A. Appropriation	Approved by Board of Education
Hospital School for Severely Handicapped Children		
S. S. & M.	293,900	415,550
R. R. A. & E.		
R. R. & A.		5,000
Equipment		15,000
Iowa Braille & Sight-Saving School		
S. S. & M.	303,200	337,857
R. R. A. & E.	20,500	
R. R. & A.		70,000
Equipment		11,250
Iowa School for the Deaf		
S. S. & M.	502,691	563,881
R. R. A. & E.	15,500	
R. R. & A.		21,100
Equipment		18,350
State Sanatorium		
S. S. & M.	853,480	926,508
R. R. A. & E.	20,500	
R. R. & A.		57,000
Equipment		36,600
TOTALS	$24,705,165	$28,387,806

CAPITAL IMPROVEMENTS
SUMMARY OF APPROPRIATION REQUIREMENTS
1955-57 BIENNIUM

(Approved by State Board of Education 9/10/54)

	Approved by Board for 1955-57 Biennium
Iowa State Teachers College	
1. Campus Laboratory School Unit C and equipment	$ 597,500
2. Health Service Building and equipment	350,000
3. Safety Education-Driver Training building and equipment	50,000
4. Heating Plant improvements—replace two old boilers and replace coal handling and coal feeding mechanisms	480,000
Total	$ 1,477,500
Iowa State College	
1. Home Economics Building addition and equipment	950,000
2. Library addition and equipment	975,000
3. Animal Industries Building and equipment	1,500,000
4. Power Plant additions:	
a. Turbo-generator unit complete with condenser, piping, switch gear, foundations and all appurtenances	470,000
b. Steam generator unit complete with stoker, piping, controls, foundations, coal and ash handling facilities and all appurtenances	375,000
5. Beef Cattle Nutrition Barn and Laboratory, completion of project	73,500
Total	$ 4,343,500

	Approved by Board for 1955-57 Biennium
State University of Iowa	
1. TV—no appropriation requested in the absence of an affirmative policy in regard to state-wide educational TV	.....
2. Music—adapting and equipping an existing building for Music (Eastlawn Dormitory)	100,000
3. McBride Auditorium—rehabilitation	110,000
4. Laundry—building and equipment	150,000
5. Law Annex and equipment	500,000
6. Utilities	950,000
7. Pharmacy building and equipment	1,200,000
8. Library additions and equipment	1,200,000
9. Remodeling vacated space and land purchases within campus boundaries	100,000
10. Lakeside Laboratory improvements	30,000
Total	$ 4,340,000
Iowa Braille and Sight-Saving School	
1. Children's Cottage addition, remodeling and equipment	155,000
2. New gymnasium and equipment	275,000
Total	$ 430,000
Iowa School for the Deaf	
1. New Primary School building and equipment	300,000
2. Remodel present primary unit into dormitory and dining room facilities and equipment for 125 children	125,000
3. Power Plant improvements—increase capacity and modernize	75,000
Total	$ 500,000
State Sanatorium	
1. Building No. 53—kitchen, dining rooms and patients' rooms and equipment	657,000
2. Building No. 49—extension of Service Building and equipment for ambulance receiving room, conference rooms and mail distribution center	60,000
3. Addition to Power Plant building and equipment	434,400
4. Road construction	70,000
Total	$ 1,221,400
GRAND TOTAL REQUESTED OF 56th G.A. 1955-57	$12,312,400

CENTRAL OFFICE OF STATE BOARD OF EDUCATION APPROPRIATION REQUIREMENTS—BIENNIUM 1955-57

SALARIES, SUPPORT AND MAINTENANCE BUDGET ANALYSIS

I. Actual expenditures for 1953-54		
A. Salaries of office staff	$35,115	
B. Other purposes	18,250	
Total		$53,365

II. The Board approved a budget for 1954-55 which was $2,668 larger than the actual expenditures for 1953-54. The additions are as follows:

1.	The third member of the Finance Committee did not work the full year 1953-54 but will have to be paid for a full year in 1954-55	962
2.	To provide for staff salary increases according to state salary schedule	1,612
3.	Board members per diem and travel—increase	1,093
4.	Finance Committee and State Agent—travel increase	1,501
5.	Board President's office expense—increase	112
6.	Subsidy for Day Oral Schools—Code of Iowa 1954, Chapter 295—decrease	−3,908
	Note: Because of savings in the 1953-54 operation, we were able to pay the subsidy for two of the four Day Oral Schools. The other two could not be paid from this fund because of insufficient appropriation. They were paid as provided in Code of Iowa 1954, Chapter 295.5. There will probably not be any money available at the end of 1954-55 to pay any of the Day Oral Schools; if that is the case they will be paid according to Chapter 295.5, Code of Iowa 1954.	
7.	General office supplies and expense including premiums on bonds	94
8.	Automobile insurance was purchased at an exceptionally good rate for 1953-54 and we may be faced with a slight increase during 1954-55	9
9.	The Board established a contingency account to meet extraordinary expenses due to the Legislature being in session	1,193
	Total net additions	2,668
	Budget for 1954-55	$56,033
III.	Budget for 1954-55 (Base to which Board made the following additions):	56,033
1.	Salary increases for the office staff (6) according to the state salary schedule and to provide salary increases for the 3 member Finance Committee	5,165
2.	To provide for an additional person in the office so that the increasing demand for statistical information and research may be met. This person to be selected on the basis of qualifications for doing statistical and research work	4,800
3.	For increase in general expense to include funds for scholarships for graduates of the Iowa Braille and Sight-Saving School and the Iowa School for the Deaf and funds to pay the subsidy to Day Oral Schools	8,200
4.	Printing, binding and stationery expense. Chapter 47, Section 6, Laws of the 55th General Assembly reads in part—"Each official, board, department, commission or agency of the state shall file as part of its budget its estimate of expenditures for printing for the ensuing biennium and such expenditures shall be paid from its official board . . . appropriation . . .". The estimated cost of this printing for each year of the 1955-57 biennium is	3,250
5.	Less Contingent fund budgeted in 1954-55 and not rebudgeted for 1955-57	−1,193
	Total proposed budget each year 1955-57 biennium approved by the Board	$76,255
	Less: State Board of Education estimated income	none
	Board's appropriation requirement for its Central Board Office for Salaries, Support, Maintenance and Miscellaneous purposes annually 1955-57	$76,255

RECAPITULATION

I.	Actual expenditures for 1953-54	$53,365
II.	Additions to make 1954-55 budget, net	2,668
	Starting point or base 1954-55 budget	$56,033
III.	Additions Board made to 1954-55 budget, 5 items shown above totaling	$20,222
	Total proposed budget each year 1955-57	$76,255
IV.	Less: State Board of Education estimated income	none
V.	Board's appropriation requirement for its Central Board Office for Salaries, Support, Maintenance and Miscellaneous annually 1955-57	$76,255

MAINTENANCE OF STATE INSTITUTIONAL ROADS

Budget Analysis

I.	Actual expenditures for 1953-54 for the maintenance of state institutional roads, as provided for in Chapter 308, 1954 Code of Iowa	$5,975.20
	Note: The method of providing for road maintenance was changed March 1, 1954, which resulted in a saving over prior year's costs. Using the costs of maintenance for March, April, May and June, 1954 when weather conditions were favorable, as a base for determining a full year's operation would not be realistic. With the help of the State Highway Commission the Board approved a budget for 1954-55 based upon the new plan of operation. The 1954-55 budget is larger than the actual expenditures for 1953-54 by	2,424.80
	Budget for 1954-55	$8,400.00
II.	Budget for 1954-55—expenditures as follows:	$8,400.00
	1. Maintenance of 6th and 13th street extension—Ames	2,700.00
	2. Maintenance—Iowa School for the Deaf	1,150.00
	3. Repair Bridge—Iowa School for the Deaf	100.00
	4. Maintenance—Iowa State College—outlying roads	1,500.00
	5. Iowa State College—Ankeny Farm	950.00
	6. Contingent Fund—floods, rain, snow, frost	2,000.00
	Total proposed expenditures 1954-55	$8,400.00
III.	The Boards proposed budget for each year of the 1955-57 biennium is broken down into two parts as follows:	
	A. **Routine Maintenance on State Institutional Roads**	
	1. Maintenance—6th and 13th street extensions—Ames	$ 2,500
	2. Maintenance—Iowa School for the Deaf	500
	3. Maintenance—Iowa State College—outlying roads	2,000
	4. Iowa State College—Ankeny Farm	950
	5. Contingent—floods, rain, snow, frost	2,000
	Total proposed expenditures annually 1955-57 for routine maintenance	$ 7,950
	B. **Major Repairs required for the Biennium 1955-57**	
	1. Resurface 6th street extension in Ames with 2″ mat of bituminous material	$ 7,500
	2. Resurface 13th street extension in Ames with 2″ mat of bituminous material	10,200
	3. Build new approach from road back of Iowa School for the Deaf to primary road No. 100 to eliminate	

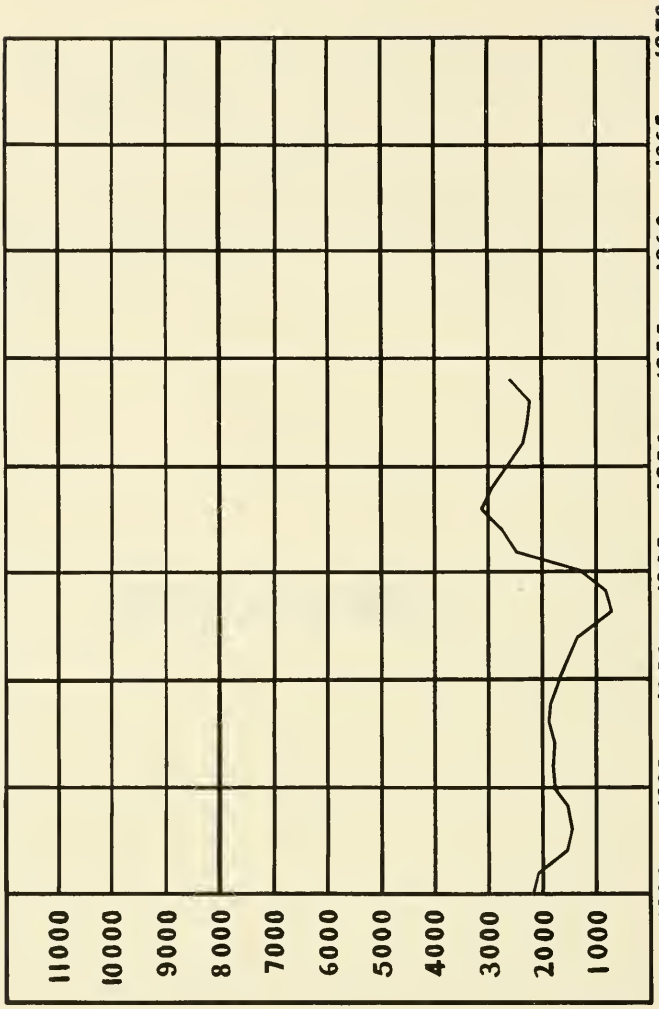
estimated cost of $12,000 for replacing old wooden bridge. Estimated cost for relocation of road	2,000
Total major repairs for the biennium	$19,700
1955-57 annually	$ 9,850

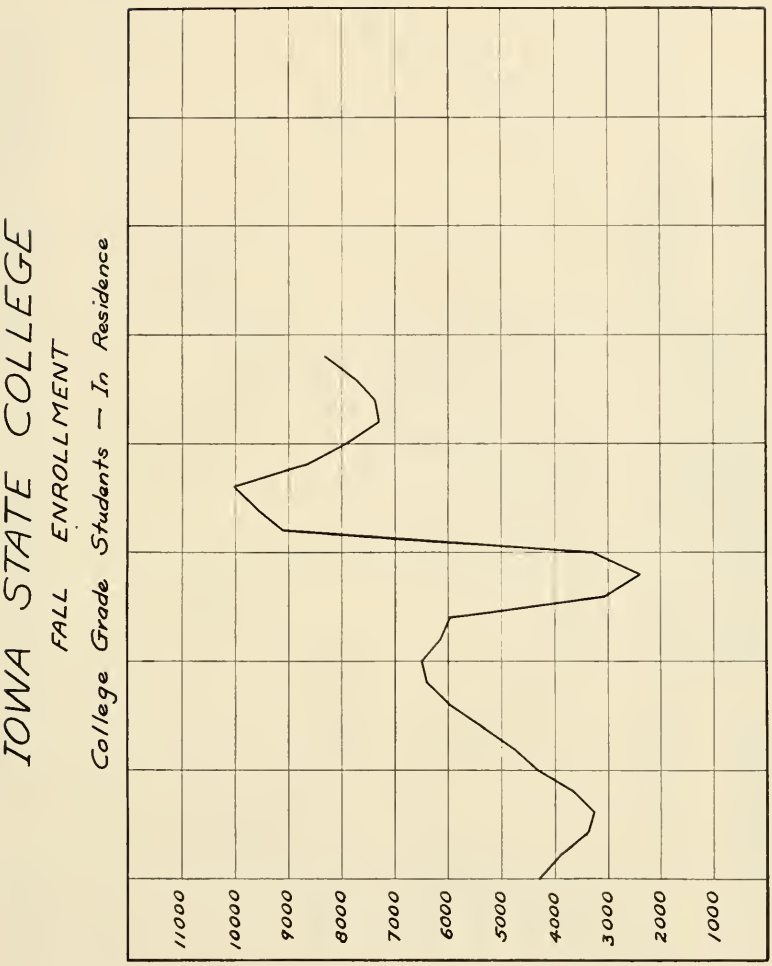
SUMMARY

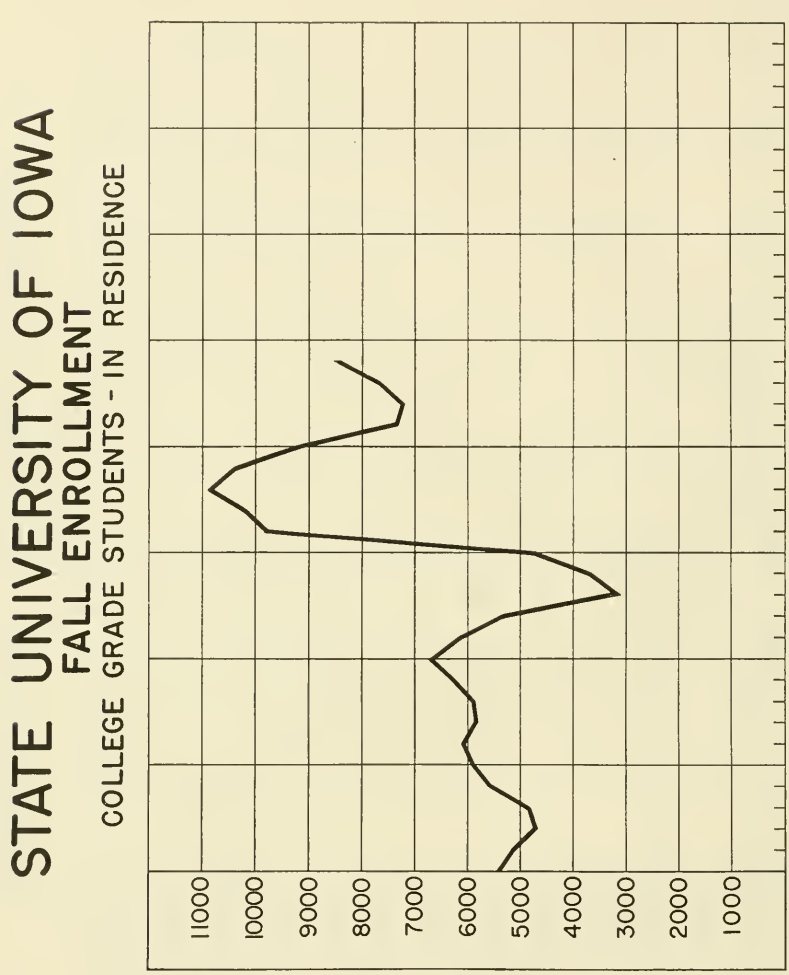
STATE INSTITUTIONAL ROADS APPROPRIATION REQUIRED

Routine Maintenance—annually	$ 7,950
Major Repairs—annually	9,850
Total annually	$17,800

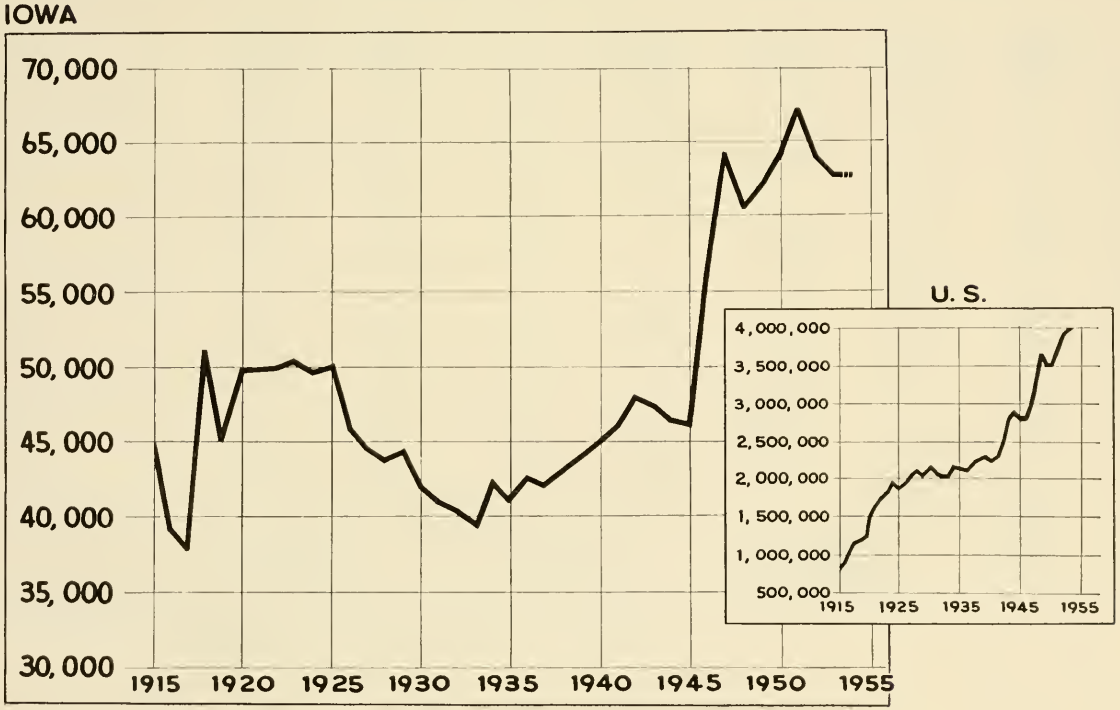
APPENDIX


IOWA STATE TEACHERS COLLEGE
FALL ENROLLMENT
COLLEGE GRADE STUDENTS-IN RESIDENCE
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
1930
1935
1940
1945
1950
1955
1960
1965
1970


IOWA STATE COLLEGE
FALL ENROLLMENT
College Grade Students — In Residence
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
1930
1935
1940
1945
1950
1955
1960
1965


STATE UNIVERSITY OF IOWA
FALL ENROLLMENT
COLLEGE GRADE STUDENTS - IN RESIDENCE
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
1930
1935
1940
1945
1950
1955
1960
1965
1970

Number of Births, Iowa and United States



STATE BOARD OF EDUCATION INSTITUTIONS

SUMMARY OF LEGISLATIVE ASKINGS

	53rd General Assembly Biennium 1949-1951 (Annually)		54th General Assembly Biennium 1951-1953 (Annually)		55th General Assembly Biennium 1953-1955 (Annually)		56th General Assembly Biennium 1955-1957 Askings Annually
	Askings	Appropriation	Askings	Appropriation	Askings	Appropriation	
State University of Iowa							
Salaries, Support and Maintenance	$ 7,700,409	$ 5,000,000	$ 6,000,000	$ 6,000,000	$ 7,893,188	$ 7,187,000	$ 8,214,038
Repairs, Replacements & Alterations	450,000	200,000	300,000	300,000	661,000		360,000
Equipment							487,500
Repairs, Replacements, Alterations & Equipment						639,200	
Public Service							
General Hospital, indigent service							
Salaries, Support and Maintenance	3,828,000	2,480,000	3,466,628	3,466,628	3,943,422	3,635,200	3,958,500
Repairs, Replacements & Alterations	100,000	100,000	150,000	100,000	116,650		166,000
Equipment							134,000
Repairs, Replacements, Alterations & Equipment						197,500	
Psychopathic Hospital							
Salaries, Support and Maintenance	382,000	260,000	405,300	312,000	437,765	357,286	421,586
Repairs, Replacements & Alterations	7,500		7,500		15,000		12,000
Equipment							8,000
Repairs, Replacements, Alterations & Equipment						18,400	
Bacteriological Laboratory							
Salaries, Support and Maintenance	145,000	133,750	165,000	135,750	202,337	196,100	206,581
Repairs, Replacements & Alterations							
Equipment							
Repairs, Replacements, Alterations & Equipment						2,200	17,500
Lakeside Laboratory							
Repairs, Replacements, Alterations & Equipment	10,000	3,000	3,000	3,000	3,300	3,300	3,500
Hospital School for Severely Handicapped Children							
Salaries, Support and Maintenance	130,000	70,000	181,950	95,000	293,941	293,900	415,550
Repairs, Replacements & Alterations	10,000						5,000
Equipment							15,000
Repairs, Replacements, Alterations & Equipment							

II. Iowa State College							
Salaries, Support and Maintenance	7,570,000		6,000,000				
General Education		3,000,000		3,600,000	4,721,133	4,531,501	4,861,169
Research		1,250,000		1,550,000	1,999,753	1,601,875	2,033,611
Extension		750,000		850,000	1,081,952	903,102	1,039,283
Repairs, Replacements & Alterations	500,000	250,000	300,000	300,000	611,900		582,500
Equipment							350,000
Repairs, Replacements, Alterations & Equipment						600,000	
III. Iowa State Teachers College							
Salaries, Support and Maintenance	2,712,427	2,109,427	2,500,000	2,500,000	2,889,071	2,614,750	2,777,535
Repairs, Replacements & Alterations	191,000	125,000	136,500	136,500	149,775		167,043
Equipment							109,364
Repairs, Replacements, Alterations & Equipment						207,980	
IV. Iowa Braille & Sight-Saving School							
Salaries, Support and Maintenance	260,000	233,500	240,741	240,741	314,962	303,200	337,857
Repairs, Replacements & Alterations	43,100	10,000	19,750	10,000	43,500		70,000
Equipment							11,250
Repairs, Replacements, Alterations & Equipment						20,500	
V. Iowa School for the Deaf							
Salaries, Support and Maintenance	415,000	374,000*	415,300	415,300	512,664	502,691	563,881
Deaf-Blind Program		8,500**	15,000	15,000	16,500		
Repairs, Replacements & Alterations	51,500	15,000†	32,155	10,000	22,250		21,100
Equipment							18,350
Repairs, Replacements, Alterations & Equipment						15,500	
VI. State Sanatorium							
Salaries, Support and Maintenance	705,000	649,500*	760,000	760,000	889,494	853,480	926,508
Repairs, Replacements & Alterations	48,000	10,000	48,000	10,000	48,000		57,000
Equipment							36,600
Repairs, Replacements, Alterations & Equipment						20,500	

* Includes, on an annual basis, allocations made during the biennium 1949-51 by the Committee on Retrenchment and Reform for the following:

Iowa School for the Deaf	$17,500
State Sanatorium	27,500

** An allocation on an annual basis made during the biennium 1949-51 by the Committee on Retrenchment and Reform.

† Includes $5,000 transferred from Capital Funds, annually, for the biennium 1949-51.

STATE BOARD OF EDUCATION INSTITUTIONS
SUMMARY OF LEGISLATIVE ASKINGS—CAPITAL IMPROVEMENTS

	53rd General Assembly		54th General Assembly		55th General Assembly		56th General Assembly
	Askings	Appropriation	Askings	Appropriation	Askings	Appropriation	Askings
State University of Iowa	$ 11,517,500	$ 560,000	$ 13,550,000		$ 2,953,638	$ 2,003,438	$ 4,340,000
Hospital School for Severely Handicapped Children	750,000	250,000					
Fire Damage—Chemistry Building						230,167*	
Storm Damage						8,752*	
Remodeling for Polio and Pediatric Patients						180,852**	
Iowa State College, Campus	11,300,000	96,000	14,325,000		2,150,000	1,876,000	4,343,500
Ankeny Field Station	200,000		250,000				
Swine Nutrition Laboratory	50,000	15,320†					
City of Ames Sewage Disposal Plant	150,000	176,000				190,000††	
Fire Damage, Chemistry Building				$ 13,952*			
Fire Damage, Power Plant				2,290*			
Storm Damage				701*			
Storm Damage, Botany Hall						450*	
Iowa State Teachers College	6,282,000	1,239,000	5,465,000	57,000	1,625,000	682,000	1,477,500
Storm Damage						10,194*	
Iowa Braille & Sight-Saving School	473,000	180,000	266,000	68,000	247,000	87,000	430,000
Iowa School for the Deaf	100,000	100,000			427,000	76,000	500,000
State Sanatorium	2,915,757	275,893‡	1,750,507	12,000	1,640,800	224,900	1,221,400
Fire Damage—Truck Destroyed				2,000*			

* Allocations made by the Budget and Financial Control Committee from the General Contingent Fund for Fire and Storm Damage

** The Budgets and Financial Control Committee on June 29, 1954 allocated $180,852 from the General Contingent Fund to complete this project with the understanding that the State University Hospital in turn agree to revert a like amount to the State General Revenue as follows:

Unused balances in University Hospital Salaries, Support and Maintenance account carried forward June 30, 1953	$130,239
University Hospital Repairs, Replacements, Alterations and Equipment funds in the amount of	50,613
Total reverted to State General Revenue in exchange for allocation from the Budget and Financial Control Committee	$180,852

† Allocated by Retrenchment and Reform Committee to supplement $96,000 for Swine Nutrition Laboratory

†† Appropriated by 55th General Assembly, Chapter 294, Senate Joint Resolution 4, Ames Sewage Disposal System $190,000.00

Amount actually used 94,551.20

Balance to be reverted to State General Revenue $ 95,448.80

‡ Includes $25,893 to cover overdraft.

SECTION II

The financial needs of the institutions as presented to the State Board of Education by the Executives of the institutions:

State University of Iowa
Iowa State College of Agriculture and Mechanic Arts
Iowa State Teachers College
Iowa Braille and Sight Saving School
Iowa School for the Deaf
State Sanatorium

State University of Iowa

IOWA CITY

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

VIRGIL M. HANCHER, President

for

BIENNIUM 1955-1957

STATE UNIVERSITY OF IOWA

Financial Needs Presented to the Board

For the Biennium 1955-1957

Office of the President

Iowa City

President Dwight G. Rider

Iowa State Board of Education

Dear Sir:

In anticipation of the requirement laid upon the Iowa State Board of Education, by the Code of Iowa 1954, Section 262.26, to "submit budgets for biennial appropriations deemed necessary and proper to be made for the support of the several expenditures for buildings, betterments, and other improvements," and in discharge of the obligations laid upon me by the provisions of Code Section 262.24, I respectfully submit the "estimates of the amount of funds required" for the State University of Iowa "for the ensuing biennium,"—the biennium 1955-57.

The great problem facing publicly supported institutions of higher learning is so well known that it requires scanty reference and no elaboration. It is the problem of increasing enrollments over the next decade. The children from which those enrollments will come are now in being and are going through the elementary grades. Unless a social revolution prevents it, those children will wish to go to college and universities in about the same ratio as prevails at present. The ratio might even increase. Assuming the present ratio and assuming that the University continues to get its present proportion of the Iowa students of college age, the University enrollment will be 10,300 in 1965 (the post-war peak was 10,886) and 12,000 in 1970. Estimates beyond 1970 are not too reliable, but it appears that the higher enrollments may continue for many years. At least they will not be of short duration. The figures above may be much too conservative because it seems improbable that the private colleges and universities will be able or willing to absorb any significant portion of the increased number of applicants for collegiate education. If the state institutions are not staffed and equipped to admit those applicants, they will be denied an opportunity for higher education, and **denial of opportunity is contrary to the tradition of our country.**

The public health services—University Hospitals, Psychopathic Hospital, Bacteriological Laboratory, and Hospital School for Severely Handicapped—have demonstrated their value and usefulness through the years. The amount of service which they render and their level of usefulness depend almost directly upon the level at which they receive appropriations. There is one exception. The University Hospital has experienced an unusual demand recently for the admission of private patients referred by doctors desiring special service. These patients pay their own way and account for much of the recent increase in Hospital operations.

The Lakeside Laboratory is performing an increasingly useful function in the State—both for state and private educational institutions.

A statement concerning capital needs will be found at the beginning of that section. In that section we ask little for increased enrollments. We are presently concerned to get our activities transferred from temporary to permanent structures.

The estimate of the amount of funds required for the biennium 1955-57 falls into three parts: estimates of the amount of funds required (1) for operations, (2) for repairs, replacements, alterations or equipment and, (3) for capital improvements.

Respectfully submitted,

VIRGIL M. HANCHER, President

SUMMARY OF ESTIMATE OF NEEDS FOR EACH YEAR OF THE BIENNIUM 1955-57

Educational Program: Teaching, Research and Service	
Fund A—Salaries, Support, Maintenance, and Miscellaneous	$8,220,854
Fund B—Repairs, Replacements, Alterations or Equipment	847,500
University Hospital	
Fund A—Salaries, Support, Maintenance, and for Medical and Surgical treatment of indigent patients	$3,958,500
Fund B—Repairs, Replacements, Alterations or Equipment	300,000
Psychopathic Hospital	
Fund A—Salaries, Support, Maintenance, and for the care, treatment, and maintenance of committed and voluntary public patients	$ 421,586
Fund B—Repairs, Replacements, Alterations or Equipment	20,000
State Bacteriological Laboratory	
Fund A—Salaries, Support Maintenance and Miscellaneous	$ 206,581
Fund B—Repairs, Replacements, Alterations or Equipment (First year $25,000; 2nd year $10,000)	17,500
Hospital School for Severely Handicapped Children	
Fund A—Salaries, Support and Miscellaneous	$ 415,550
Fund B—Repairs, Replacements, Alterations or Equipment	25,000
Lakeside Laboratory	$ 3,500
Capital Improvements (for the biennium)	$4,340,000

EDUCATIONAL PROGRAMS: TEACHING, RESEARCH AND SERVICE—SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS

FUND A

State Appropriation 1954-55		$7,187,000
Add estimated annual loss of income 1955-57		
Balance forward July 1, 1954	$135,389	
1953-54 state appropriation drawn in 1954-55	150,000	
Deduct increase in other income	−329,800	−44,411
		$7,142,589
Deduct estimated lapse June 30, 1955		−41,385
ANNUAL APPROPRIATION FOR EXISTING LEVEL OF OPERATIONS		$7,101,204
Add for:		
I. IMPROVEMENT OR GROWTH OF PRESENT PROGRAMS—		
1. Increase in Contingency Account	$ 40,000	
2. Operation of New Buildings and Additions	12,850	
3. Salary and Wage Adjustments	470,000	
4. Research and Graduate College (Including Gerontology)	275,000	
Gerontology	$ 25,000	
Graduate College	150,000	
Medical Research	100,000	
5. Additional Staff and General Expense		
a. Liberal Arts—(1) Increase in enrollment	70,000	

Liberal Arts—(2) Staff primarily for Graduate Work	60,000	
Liberal Arts—(3) General Expense	35,000	
b. Commerce—Increased enrollment and Additional staff	12,000	
c. Education—Elementary and Higher Education	43,000	
d. Pharmacy	9,000	
e. Nursing	26,000	
f. Medicine	35,300	
g. Engineering	8,000	
II. NEW PROGRAM: Mortuary Science	23,500	1,119,650
ANNUAL APPROPRIATION NEEDED		$8,220,854
Proposed Annual Appropriation 1955-57	$8,220,854	
Annual Appropriation 1953-55	7,187,000	
Proposed Increase in Annual Appropriation	$1,033,854	

EDUCATIONAL PROGRAMS: TEACHING, RESEARCH AND SERVICE—SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS

FUND A

In this section will be shown:

First, a comprehensive statement, in five columns, of the changes in Fund A—Educational Programs from "Actual 1953-54" (column 1) to "Proposed Annually 1955-57" (column 5) immediately following.

Second, the changes from 1953-54 actual expenditures to 1954-55 Budgeted expenditures—See columns 1, 2 and 3, immediately following, and subsequent pages.

Third, the changes from 1954-55 budgeted to "Proposed Annually 1955-57"—See columns 3, 4 and 5, immediately following and subsequent pages.

Fourth, Income other than appropriations, and appropriations required to carry proposed budget of expenditures, in the following pages.

UNIVERSITY TABLE I

EDUCATIONAL PROGRAMS: TEACHING, RESEARCH AND SERVICE
SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS
FUND A

		Budget 1954-55		Proposed Annually 1955-57	
	Actual 1953-54	Increase over 1953-54	Total Budget	Increase over 1954-55	Annual Total Proposed
EXPENDITURES:					
Executive Office & General Services	$ 479,952	$ 20,786	$ 500,738	$ 20,000	$ 520,738
General Expense	222,746	16,038	238,784	6,100	244,884
Student Services	174,264	17,167	191,431	10,150	201,581
Research and Teaching	5,904,752	443,407	6,348,159	952,200	7,300,359
(For detail see following page)					
Extension Division	212,922	17,774	230,696	10,000	240,696
Libraries	336,678	−11,959	324,719	15,850	340,569
Physical Plant	1,070,682	28,979	1,099,661	65,350	1,165,011
Contingency Account	(136,752)*	91,816	91,816	40,000	131,816
Credit for Estimated Lapses	(−250,000)*	−250,000	−250,000	.....	−250,000
Grand Total	$ 8,401,996	$ 374,008	$ 8,776,004	$ 1,119,650	$ 9,895,654
PROPOSED FINANCING:					
Balance Forward	.....	$ 135,389	$ 135,389	$ −135,389**	.....
Other Income	$ 1,500,385	−155,385	1,345,000	329,800**	$ 1,674,800
53-54 State Approp. drawn in 54-55	.....	150,000	150,000	−150,000**	.....
STATE APPROPRIATION	7,037,000	150,000	7,187,000	1,033,854	8,220,854
Grand Total	$ 8,537,385	$ 280,004	$ 8,817,389	$ 1,078,265	$ 9,895,654
Estimated Lapse			$ (41,385)**		

* Distributed to items above
** See top of page two.

UNIVERSITY TABLE II

EDUCATIONAL PROGRAMS: TEACHING, RESEARCH AND SERVICE

SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS RESEARCH AND TEACHING ONLY

FUND A

		Budget 1954-55		Proposed Annually 1955-57	
	Actual 1953-54	Increase over 1953-54	Total Budget	Increase over 1954-55	Annual Total Proposed
EXPENDITURES: RESEARCH AND TEACHING					
RESEARCH AND TEACHING					
Liberal Arts	$ 2,413,404	$ 35,759	$ 2,449,163	$ 305,000	$ 2,754,163
Engineering	278,810	−14,413	264,397	23,000	287,397
Education	313,379	54,109	367,488	63,700	431,188
Commerce	232,064	10,525	242,589	31,250	273,839
Law	148,085	9,007	157,092	8,750	165,842
Graduate	135,696	3,195	138,891	157,100	295,991
Summer Session	315,587	31,462	347,049	20,250	367,299
Medicine	1,205,601	79,932	1,285,533	227,900	1,513,433
Dentistry	296,147	48,968	345,115	20,800	365,915
Pharmacy	70,842	7,970	78,812	13,400	92,212
Nursing	146,879	29,030	175,909	36,050	211,959
Bureau Bus. & Econ. Res.	41,097	88	41,185	2,000	43,185
Bureau Labor Management	11,502	14,341	25,843	1,250	27,093
Examination Service	31,878	2,718	34,596	1,650	36,246
Child Welfare Research	146,753	−5,610	141,143	8,150	149,293
Institute of Public Affairs	52,848	2,470	55,318	2,750	58,068
Institute of Gerontology	1,978	22	2,000	25,000	27,000
Television	62,202	16,545	78,747	4,200	82,947
Retired Staff on Part Time	(111,236)*	117,289	117,289	.....	117,289
Total	$ (5,904,752)	$ (443,407)	$ (6,348,159)	$ (952,200)	$ (7,300,359)

* Distributed to items above.

COMMENTS UPON DIFFERENCES BETWEEN "ACTUAL 1953-54" (Col 1) AND "TOTAL BUDGET 1954-55" (Col 3), AS SHOWN ON TABLE I OF THIS SEC.

The forces which play upon and operate within a University are continuous and produce continuous changes in expenditures. Many of them cannot be compartmentalized into biennial blocks. Enrollment increases take place year by year; added obligations are placed upon the University annually; and salary adjustments for classified personnel proceed by annual rather than biennial steps. It is inevitable, therefore, that the second year of any biennium will vary from the first. The increased cost of the second year over the first is met by increased revenues due to the growing operation and by savings from the first year which are certain to be needed in the second. The differences by departments as set forth, $374,008 are due to factors presented herewith:

1. **Executive Offices and General Services.** The sum of $6,320 was necessary to pay for an auditor of stores' records and an inventory checker, as recommended by the State Auditor; $14,466 was to pay the cost to the Registrar and other student offices of increased enrollment and services.
2. **General Expense.** Increased cost of printing and supplies accounted for the $16,038 difference between columns one and three.
3. **Student Services.** The $17,167 difference was due to the fact that less money was spent in the first year in order to have more funds with which to meet the need for growth in the second year.
4. **Liberal Arts.** The increase of $35,759 was necessary to provide staff and general expense for the increased enrollment.
5. **Engineering.** The decrease of $14,413 was due to shifting the Summer Management Conference to a separate basis.
6. **Education.** To provide replacement and new staff in the Reading Clinic in Guidance, in elementary and in driver education, $26,000 of the increase was necessary. The portion of the difference resulting from rebuilding staff positions in the high school, from salary increases where, especially in the high school, it is necessary to meet outside competition and temporary transfers of staff to general budgets amounted to $28,109.
7. **Commerce.** The $10,525 difference here was due to restoration of positions left vacant part of last year and to some salary increases.
8. **Law.** The $9,007 by which column three exceeds column one was due to replacement for Professor Tunks and money for agricultural law research.
9. **Graduate College.** The increase of $3,195 arose from increased use of research professorships.
10. **Summer Session.** The increase of $31,462 largely resulted from the fact that summer salaries are a fixed fraction of the regular year salaries so the increases made at the beginning of this biennium were not reflected in the summer school until the second year.
11. **Medicine.** Here $27,760 of increase was due to added staff in the Departments of Hygiene, Pathology and Surgery. These were necessary to meet increased loads and to shift from the National Fund certain expenses which properly belong in the general budget. A total of $52,172 was due to salary increases and to the filling of positions which were vacant last year.

12. **Dentistry.** In this College, $33,435 of the increase was ascribed to the cost of additional staff to handle the program properly, while $15,533 resulted from underspending in the first year of the biennium. In Dentistry, as well as in Medicine, are illustrations of the fact that by the time legislative appropriations are available for the first year of the biennium, it is frequently too late to secure the kind of men needed, and for which the money has been appropriated. In order to fill the positions properly, it is necessary to take time and to appoint the men at the beginning of the second year of the biennium.
13. **Pharmacy.** In Pharmacy, $5,700 of the increase was to pay for one assistant professor to help make up for a staff deficiency, while $2,270 was for salary increases.
14. **Nursing.** New money totaling $26,100 was necessary to pay for seven instructors to handle increased enrollment, and $2,930 was required for field work in Public Health Nursing.
15. **Bureau of Labor and Management Relations.** A total of $10,000 was needed to pay the salary of a director, and $4,341 to fill minor posts left vacant in the first year.
16. **Examination Service.** The $2,718 of increase represented the cost of substituting an assistant director for a graduate assistant.
17. **Child Welfare Research Station.** Temporary supplemental grants in the first year and shifts of staff from full to part-time retired service caused a decrease in this budget of $5,610.
18. **Institute of Public Affairs.** The difference of $2,470 was due to underspending in the first year of the biennium and the consequent rounding out of staff for the second year.
19. **Television.** The increase of $16,545 was necessary to employ an assistant engineer and to add to general expense account.
20. **Extension.** The increase of $17,774 was largely due to general expense and added positions to meet new service requests and increased costs of mailing and printing.
21. **Library.** A decrease of $11,959 was experienced here.
22. **Physical Plant.** The cost of laborers and general expense for the operation of the physical education and recreational campus accounted for $21,910 of the increase, and $7,069 was necessary to meet scheduled tenure increase payments for physical plant employees.

COMMENTS ON PROPOSED 1955-57 CHANGES FROM BASE 1954-55 BUDGET

(Comments upon differences between actual expenditures for 1953-54 and budget allocations for 1954-55 will be found in the pages immediately preceding.)

I. **IMPROVEMENT OR GROWTH OF PRESENT PROGRAMS**

1. **Increase in Contingency Account**.....$ 40,000
   To provide for pressing needs without exceeding the biennial ceiling on budgets, the Supplemental Account for 1954-55 was reduced from $131,432.00 to $91,816.01. Our judgment and experience indicate that it should stand at the higher figure. Approximately $40,000 should be added to bring it up to $130,000.
2. **Operation of New Buildings and Additions**.....$ 12,850
   The addition of Unit No. 3 to the Iowa Memorial Union will require $9,200 annually for additional operating

costs, consisting of one janitor at $2,400, one mechanic at $4,100 and utilities and janitor's supplies of $2,700.
It is planned that the new Medical Research Building will be in operation the last six months of the 1955-57 biennium. For this last six months it is estimated that operating costs will be $7,300, consisting of $3,900 for three janitors and $3,400 for utilities and janitor's supplies. This would average $3,650 for each year of the biennium.

3. **Salary and Wage Adjustments** $470,000
In every study which we have seen whether made by us or by others we have ranked well down the list and usually at the bottom of Big Ten institutions in our salary scales. It is not proposed to give across-the-board increases, but to make adjustments on merit. These adjustments would allow us to improve our relative position if other institutions would stand still. We know that some are not standing still, but we hope that this will at least enable us to hold our own.

4. **Research and Graduate College** $275,000
(Including Gerontology)
We recommend an increase of $275,000 annually for these purposes:
(a) $25,000 should go to Gerontology (The study of the problems of aged individuals and our aging population). Part of the money would provide a salary for a Director, and the balance would be used for research, etc.
(b) The Graduate College has not shared equally with other colleges in increased budgets since the war. We recommend that $150,000 go to the Graduate College to bring it more nearly in line with its earlier position—and as a recognition of the increasing importance of research and graduate study.
(c) When the Medical Compensation Plan was put into effect in 1946, Point III of the plan, as adopted by the Iowa State Board of Education, provided that the University would request state funds for medical research as a corollary to the use of excess earnings of the doctors for that purpose. In recent years the doctors, under the Plan, have provided substantial sums for research and related activities:
In 1951-52 ..... $309,679
In 1952-53 ..... $380,130
In 1953-54 ..... $388,432
We have not kept faith with the doctors on this point. Everyone knows the dramatic results of medical research. The urgency of supporting it is so great and the programs so costly that certain clinic heads now find themselves drawn from research into clinical practice in order to earn fees to support their departmental research. Dean Nelson has asked $150,000 annually for medicine. For the next biennium an initial asking of $100,000 annually is recommended.

5. **Additional staff and General Expense**
(a) **Liberal Arts**
(1) *Increase in enrollment.* It is estimated that there will be a net increase of at least 150 students in Liberal Arts in each year of the next biennium, that is to say, 150 the first year and 300 the second $ 70,000

year without any off-setting declines elsewhere permitting salary transfers. For each 150 students we shall need instructional staff at an estimated cost of $48,000 for the first year and $92,000 the second year, making an average cost of $70,000 for each year of the biennium.

(2) *Staff—Primarily for Liberal Arts and Graduate Work.* It should be kept in mind that in in discharging its unique responsibility to the state the University has a large Graduate College in relation to its total enrollment. For the year 1953-54 the Graduate College enrollment was: $ 60,000

Fall Semester 1,805
Spring Semester 1,717
Summer Session 2,108

The Graduate College has no separate budget for teaching faculty. Graduate students are taught and research directed by the faculties of other colleges. A large part of this load falls upon the faculty of the College of Liberal Arts.

To strengthen adequately the overall program in Liberal Arts, both undergraduate and graduate, and to enable senior staff to improve the graduate instruction in the College, large sums would be required. We are requesting $60,000 to cover the most urgent items.

(3) *Liberal Arts—General Expense.* Increased enrollment, and improved programs will increase general expense. $ 35,000

(b) *Commerce* ..... $ 12,000

We recommend an increase of $12,000 annually. We expect Commerce to be our fastest growing college over the next decade. To strengthen it presently and to begin preparations for the rapid growth which seems assured, we believe the sum recommended should be allowed.

(c) *Education*—Elementary and Higher Education. $ 43,000

In order to continue our modest expansion of the program for the training of elementary teachers, we shall need two additional staff members in methods courses, and two in the supervision of practice teaching. In addition, there will be expense connected with the transportation of students to schools for practice teaching. $36,000 is requested for this purpose. A professor of higher education has been needed for a long time and we are asking $7,000 for this purpose.

(d) *Pharmacy* ..... $ 9,000

In order to meet expanding needs in pharmaceutical chemistry and the graduate program in the field of pharmacy, an additional professor at a salary of $9,000 is required.

(e) *Nursing* ..... $ 26,000

Nursing needs five new positions. Our degree program has greatly increased and exceeds our expectations. We expect to have at least 100 students in public health nursing each year beginning with the academic year 1955-56. Two additional instructors will be needed for the supervising load of 100 students in this field.

Two programs temporarily supported by outside

funds on an experimental basis seem of sufficient importance to be continued as regular activities of the College. They are Psychiatric Nursing and Nursing Service Administration. One instructor for each program is involved. Other Schools of Nursing in the state can and do train their nurses for bedside duty, but our College is especially qualified and as a public institution is obligated to handle such specialized undertakings.

One additional instructor is needed in Maternal and Child Nursing activities related to the clinical services, Hospital School for Crippled Children, and the interdepartmental program in the Development of the Normal Child with the Child Welfare Research Station.

Three thousand dollars ($3,000) is added for expense—$1,000 for public health nursing and $2,000 for general expenses.

(f) *Medicine—Additional Staff and general expense.* $ 35,300

We have reduced the requests for staff to $32,400 —to restore positions and to help carry increased loads particularly in rapidly expanding phases of medicine and departments servicing the whole University. $2,900 is for general expense, primarily for the departments of pathology, physiology, anatomy, and pharmacology.

(g) *Engineering* ..... $ 8,000

Because of losses in engineering staff, through resignations and retirements, it would be desirable to add a professor at the $8,000 a year level.

II. NEW PROGRAM—Mortuary Science ..... $ 23,500

This program was recommended by the unanimous action of a committee composed of Provost Davis, Dean Nelson of Medicine, Dean Winter of Commerce, Professor Warner of Pathology, Professor Ingram of Anatomy, and Dean Stuit of Liberal Arts as Chairman. The course would cover approximately three years and would consist of approximately two years of liberal arts courses and one year of specialized courses.

In this connection it should be noted (1) There is, at present, no mortuary science school in Iowa (2) By action of the 55th General Assembly (1953) two years of college work will be required after 1955 for students desiring to study mortuary science (3) the funeral directors of the state are anxious to upgrade their profession and they urge that a mortuary science program be established at the State University of Iowa.

Much of the work required will be covered in existing courses. The estimate of the annual additional expense is:

1.	Instructors in mortuary science (2)	$14,000
2.	Instructor in pathology (part-time)	3,500
3.	Instructor for Commerce subjects	5,000
4.	General Expense	1,000
		$23,500

There will be some off-setting income, estimates of which have been included in our estimates of income.

There are approximately 980 morticians in the State of Iowa and it is estimated that at least 15 to 25 students would enter this program each year.

The funeral directors of the State have been very active in soliciting our interest and have assured us of their full cooperation.

INCOME OTHER THAN APPROPRIATIONS

Comments upon annual estimated income—not from state appropriations for the 1955-57 biennium.

Tuition & Fees—Net—Annual Average $1,584,800

This estimate is based on an estimated average enrollment of 8,000 in 1955-56 and 8,000 in 1956-57. It is 445,220 per year greater than the estimated annual average of $1,139,600 for the 1953-55 biennium. These computations are based upon increased rates of fees and tuitions as adopted by the Board of Education.

V. A. Tuition—Annual Average ..... $ .....

This represents the cost of instruction to be collected from the Veterans Administration in excess of the regular tuition and fees. Because of the tuition and fee increases and the few veterans to enroll under Public Laws 16 and 346 it is estimated that the excess income which would be derived from this source will not justify continuation of our V. A. contract beyond June 30, 1955. During the biennium 1953-54 income from this source averaged $172,522 per year.

U. S. Government Contract Overhead—Annual Average ..... $ 40,000

Overhead income on federal research and development contracts was $77,047 in 1953-54. Due to changes in federal appropriations and a changing federal emphasis on research and development programs we have estimated income from this source at $50,000 for 1954-55. It is expected that during 1955-57 further changes in federal appropriations and programs for this purpose will result in about a 20% reduction from 1954-55.

Other Income—Annual Average ..... $ 50,000

Other income amounted to $46,091 in 1953-54. We have estimated $50,000 for the year 1954-55 and for each year of the 1955-57 biennium.

Total Other Income	$1,674,800
State Appropriation	$8,220,854
Grand Total	$9,895,654

REPAIRS, REPLACEMENTS, ALTERATIONS, OR EQUIPMENT
FUND B

R. R. & A.	$360,000
Equipment	487,500
Annually	$847,500

Repairs, Replacements, and Alterations
(Present allocation $300,000)

1. Utilities
   A. Steam Services $120,000
      1. New feed water system is necessary to replace the old one particularly since the installation of two new Boilers ($40,000)
      2. Water softner system to replace present system installed in 1926 ($80,000)

B. Electrical Services $155,000
1. Replacement of unsafe switch gear now in use of Power Plant ($80,000)
2. Completion of essential cable to insure uninterrupted service, replacing overloaded cable ($75,000)
Total $275,000

2. General Campus Improvements ..... $ 30,000
For the development of parking areas, replacement of walks, planting and lawns.

3. Building repairs and alterations
Of the 25 larger buildings most used for classrooms, laboratories, offices and laboratories, the oldest was built in 1884, seventy years ago, eight are more than fifty years old, twelve are between 25 and 50 years old, five are less than 25 years old, and the average age is 38 years.
The buildings of the University as a whole contain 85½ acres of floors, 146 acres of interior wall space, 30 acres of roofs, 25 acres of glass, 10,500 doors, 40,000 electrical fixtures, 6,600 plumbing fixtures, 5,000 electric motors; they are serviced by 8½ miles of electrical conduits, 19 miles of heating pipe; and they are surrounded by 650 acres of lawns containing 6,600 trees.
The buildings used for educational purposes are repaired and altered from Fund B. These buildings alone contain 47 acres of floors, 73½ acres of interior wall surface, 16 acres of roofs and 13½ acres of glass.
To repair and replace them and to alter them to suit changing needs is a large undertaking. We estimate our biennial needs as follows:

A. Structural	$100,000
B. Floors	10,000
C. Glazing, Painting, (interior and exterior)	85,000
D. Acoustics	15,000
E. Roofs	30,000
F. Plumbing and Heating	50,000
G. Lighting	45,000
H. Temperature Control and Ventilation	40,000
I. Electrical (revising)	40,000
Total	$415,000
For the biennium	$720,000
For each year for Repairs, Replacements and Alterations	$360,000

Equipment

Executive Offices	$ 4,000
General Services	32,000
Student Services	5,500
Liberal Arts	165,000
Commerce	16,000
Education	21,000
Engineering	16,000
Graduate	14,000
Law	7,500
School of Religion	2,500
Television	40,000
Examination Service	2,500
Dentistry	20,000
Medicine	55,000
Nursing	7,500
Pharmacy	35,000
Child Welfare	8,000

Extension	45,000
Library	17,000
Library Books	405,000
Public Affairs	1,500
Physical Plant	55,000
For the Biennium	$975,000
For each year for equipment	$487,500

Comment on Equipment

One of the most striking phenomena of our time is the increased use and complexity of equipment and machines. We have had the problem since the end of the war, not only of keeping up-to-date, but of replacing old, worn out and out-moded equipment. For example, some years ago we found that our dental infirmary was using equipment so old that new graduates did not know how to use the newer equipment on the market. This was the most dramatic, but by no means the only, instance of that type. Although requests for equipment seem large, they are justified. The need will continue until the University teaching, research and service programs have been rehabilitated and brought up-to-date.

Equipment is a very broad term, ranging from library books on the one hand to office and laboratory equipment and machines on the other. Many items of equipment, such as office furniture, including desks, chairs, bookcases, filing cabinets, typewriters, adding machines and calculators, are common to all the departments in varying degrees. Other departments have more specialized additional requirements and the following may be considered typical: **Medicine** and **Liberal Arts**—laboratory equipment and special apparatus, such as microscopes, pH meters, centrifuges; **Law** and **Library**—books; **Television**—lighting equipment, auto-transformers, TV receivers, monitors and cameras; **Dentistry**—autoclaves, porcelain furnaces, dental operating units; **Pharmacy**—microscopes, balances, hydrogenation apparatus; **Child Welfare**—creative play equipment and playground equipment; **Extension Division**—films, film storage cabinets; **Physical Plant**—maintenance equipment, trucks, tractors, lawn mowers, wood working and metal working equipment; **Engineering College**—machine tools, surveying equipment, electrical apparatus.

UNIVERSITY HOSPITALS

SALARIES, SUPPORT, MAINTENANCE AND FOR MEDICAL AND SURGICAL TREATMENT OF INDIGENT PATIENTS

FUND A

1954-5 Budget	$5,333,800
Income anticipated from patients, etc.	1,880,000
Appropriation needed to continue existing operations	3,453,800
Add for	
Salaries and wages adjustments	234,556
Additional personnel	165,144
For: Expansion polio-rehabilitation activity	
Pediatrics new wing	
Increased patient census	

Materials and supplies for increased operations	80,000
Contingencies	25,000
Appropriation required annually 1955-7	$3,958,500
Note	
Annual appropriation 1953-5	$3,635,200
Proposed annual appropriation 1955-7	3,958,500
Increase	$ 323,300

COMMENT

Perhaps the most significant recent development in the Hospital is the increased demand for admission of referred cases—usually exceptional or unusual cases in which doctors desire special services for their patients which the University Hospitals are qualified to give. Dean Nelson reports that our inability at times to meet this demand creates some of our more difficult problems of relationship between the University Hospitals and the medical profession of the State.

The phenomonal growth of this demand is reflected in the following table:

Year	Income from Patients, Etc. Original Budget Estimate	Actual
1945-46	729,500	813,042
1953-54	1,388,600	1,680,330
1954-55	1,613,600	.....
1955-56)	1,880,000	.....
1956-57)		

Although the projected total budget is approximately $600,000 a year in excess of that budgeted for 1954-55, it calls for only $323,300 of additional state money. At the beginning of this biennium the State Appropriation was 73% of total Hospital Income. The projected figures will establish the state's proportion at 68% or less.

In addition to its clinical facilities for the College of Medicine, the University Hospital is a service organization. The question before the state is whether it wishes the University Hospital to render the service of which they are capable.

No across-the-board adjustment in salaries or wages is contemplated. In some areas our scales are good. Adjustments will be made where needed.

The new staff proposed will permit expansion of activity in the Polio-Rehabilitation area, and in the new wing—from the Hospital tower westward—when it is completed.

UNIVERSITY HOSPITALS

Fund A: Salaries, Support, Maintenance and for Medical and Surgical Treatment of Indigent Patients

In this section will be shown:

First, a comparative statement in five columns, of the changes in Fund A from "Actual 1953-54" (column 1) to "Proposed Annually 1955-57" (column 5)—see page 86.

Second, the changes from 1953-54 actual expenditures of 1954-55 budgeted expenditures—See column 1, 2 and 3, page 86 and pages 87 and 88 immediately following:

Third, the changes from 1955-56 budgeted to "Proposed Annually, 1955-57"—See Columns 3, 4 and 5, page 86 and pages 88 and 89.

THE UNIVERSITY

2. UNIVERSITY HOSPITAL

A FUND: SALARIES, SUPPORT, MAINTENANCE AND FOR MEDICAL AND SURGICAL TREATMENT OF INDIGENT PATIENTS

	Actual 1953-54	Budget 1954-55		Proposed Annually 1955-57	
		Increase over 1953-54	Total Adjusted Budget **	Increase over 1954-55	Annual Total Proposed
EXPENDITURES:					
Administration	$ 471,698	$ 10,921	$ 482,619	$ 16,807	$ 499,426
Dietary	810,972	1,181	812,153	40,201	852,354
Household and Property	497,638	-19,513	478,125	30,374	508,499
Plant Operation and Maintenance	331,170	25,986	357,156	16,275	373,431
Professional Services	2,972,240	227,195	3,199,435	367,625	3,567,060
State Patient Transportation	253,230	-1,672	251,558	8,418	259,976
Contingency				25,000	25,000
Credit for Lapsed Salaries	(-154,969)*	-247,246	-247,246		-247,246
Grand Total Expense	$ 5,336,948	$ -3,148	$ 5,333,800	$ 504,700	$ 5,838,500
PROPOSED FINANCING:					
Balance Forward		$ -21,418	$ -21,418	$ 21,418	
Transfer from Hospital Stores		21,418	21,418	-21,418	
State Appropriation	$ 3,635,200		3,635,200	323,300	$ 3,958,500
Other	1,680,330	18,270	1,698,600	181,400	1,880,000
Grand Total Income	$ 5,315,530	$ 18,270	$ 5,333,800	$ 504,700	$ 5,838,500
	Estimated Lapse		( )		

* Distributed to items above.
** Adjusted to reflect budget increase of $85,000 now pending Board action.

STATE UNIVERSITY OF IOWA HOSPITALS

Comment upon increase of 1954-55 Budget over Actual 1953-54

	Increase or Decrease Over 1953-54 Actual	
"A" Fund Expenditures		
1. Administration		$ 10,920
(a) We added the position of 1 "Telephone Operator"	$ 2,460	
(b) We restored lapsed salaries in the amount of	21,200	
(c) We reduced wage accounts in the amount of	-1,300	
(d) We reduced all other accounts including supplies, miscellaneous, purchased service, etc., in the amount of	-11,440	
Net Increase	$ 10,920	
2. Dietary		1,180
(a) We reestablished lapsed salaries in the amount of	21,160	
(b) We reduced wage accounts in the amount of	-1,630	
(c) We reduced the cost of food and the income from the sale of food to personnel in the amount of	-18,350	
Net Increase	$ 1,180	
3. Household and Property		$ -19,513
(a) We restored lapsed salaries in the amount of	$ 13,580	
(b) We reduced wage accounts in the amount of	-3,020	
(c) We decreased other expense in the amount of $30,073. This was largely an accounting change relating to the transfer of the cost of utility services to Plant Operation and Maintenance	-30,073	
Net Decrease	$ -19,513	
4. Plant Operation and Maintenance		$ 25,986
(a) We restored lapsed salaries in the amount of	$ 6,490	
(b) We increased all other accounts which now include utility in the amount of	19,496	
Net Increase	$ 25,986	
5. Professional Services		$227,195
(a) We restored lapsed salaries in the amount of	269,078	
(b) We added salaries for six laboratory technicians	17,980	
(c) We decreased wage accounts	-7,600	
(d) We reduced all other professional supplies in the amount of $52,263. This was done on the strength of extraordinary supply purchases in 1953-54 to open operating rooms, etc.	-52,263	
Net Increase	$227,195	
6. State Patient Transportation		-1,672
(a) We restored lapsed salaries in the amount of	5,446	
(b) We reduced wage accounts in the amount of	-271	

(c) We reduced all other expense accounts in the amount of $6,847. Here again certain accounting changes were involved in connection with purchased services	-6,847	
Net Decrease	-1,672	
7. Credit for Lapsed Salaries as reflected above		$-247,246
GRAND TOTAL DECREASE IN EXPENSE		$ -3,148

STATE UNIVERSITY OF IOWA HOSPITALS

Comment upon the Proposed Annual Increase in Expenditures 1955-57 over 1954-55

Administration	Allowance for discretionary salary increases		$ 16,807
Dietary	(1) Allowance for discretionary salary increases	$ 30,489	
	(2) New positions necessary in expansion of Polio-Rehabilitation activity: 1 Supervisor and 3 Maids	9,712	40,201
Household & Property	(1) Allowance for discretionary salary increases	20,198	
	(2) New positions to service additions to Polio-Pediatrics—Rehabilitation areas: 2 Maids, 2 Male Cleaners	10,176	30,374
Plant Operation & Maintenance	(1) Allowance for discretionary salary increases	8,439	
	(2) New positions to improve preventive maintenance program of physical plant: 1 mechanic, 1 electrician	7,836	16,275
Professional Services	(1) Provision for merit salary increases to selected technicians and nursing personnel	150,205	
	(2) The addition of 31 personnel to improve bedside patient nursing care	103,166	
	(3) One additional technician each for Central and Cardiovascular Laboratories, Blood Bank, and Biochemistry Laboratory to handle increasing professional demands	12,524	
	(4) One additional secretary to type reports of five anesthesiologists	2,480	
	(5) One additional social worker needed to better distribute increasing case load demands	4,028	
	(6) Two physiotherapists necessary to give adequate treatments to expanded Polio-Rehabilitation services	8,056	

	(7) Two occupational therapists needed to meet increasing referrals from all hospital divisions	7,166	
	(8) A distribution of funds to various supply and purchased service accounts based upon known trends and experience during 1954-55 to operate medical, laboratory and therapy services	80,000	367,625
State Patient Transportation	Allowances for discretionary salary increases		8,418
Contingency Fund	Provision to enable the hospital to support the institution or expansion of new medical or laboratory techniques and drug therapies		25,000
	GRAND TOTAL HOSPITAL "A" FUND		$504,700

B Fund—Repairs, Replacements, Alterations or Equipment

Repairs, Replacements and Alterations	$166,000
Equipment	134,000
Annually	$300,000

Repairs, Replacements and Alterations

Part A.

Basic Needs for the Maintenance of Buildings, Grounds, and Built-In Equipment	Biennium Request	
1. General roofing, stone pointing, outside carpentry and painting	$ 25,000	(2)
2. Sidewalk replacement and driveway resurfacing	6,000	(2)
3. Tunnel repair and waterproofing	5,000	(2)
4. Elevator modernization, Cars 1, 2, 3 and 4	73,000	(2)
5. Ceiling soundproofing and floor covering replacement	16,000	(1)
6. Contingency (Failures in heating, refrigeration, electrical and water systems)	20,000	(3)
Subtotal	$145,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

Part B.

Programs Requiring Permanent Relocation of Department Activities and or Renovation and Modernization of Present Areas	Biennium Request	
1. Renovation of Orthopedic Wards A, C, and D, and Staff Office Suite	$ 35,000	(2)
2. Out-Patient Department reorganization of clinical activity and space reassignment	30,000	(1)
3. Department of Medicine relocation of one in-patient ward and expansion of Staff Office area	45,000	(2)
4. Redevelopment of Nurseries in the Department of Obstetrics & Gynecology and expansion of Labor and Delivery Room areas	20,000	(2)
5. Redevelopment of the Fourth Floor Tower area to accommodate Staff Offices of the Departments of Urology and Obstetrics & Gyneology	12,000	(2)
6. Renovation and refurnishing of sections of Westlawn, principally in the Graduate Nurse living area	15,000	(1)

7. Redevelopment of private patient areas of 2nd and 3rd West, principally to provide more adequate toilet and bath facilities	10,000	(1)
8. Contingency to permit innumerable minor physical plant alterations required by progressive clinical and hospital staffs serving a 900-bed general hospital	20,000	(3)
Subtotal	$187,000	
Total for Repairs, Replacements and Alterations for the biennium	$332,000	
Annually for Repairs, Replacements and Alterations	$166,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

Part C.

Major Equipment in Categories of New or Replacement	Biennium Request	
1. Continuation of the program to improve communications between patient and nursing stations by installation of intercommunication systems	$ 15,000	(1)
2. Ordinary replacement each year of one-third of hospital ambulances (21)	35,000	(3)
3. Patient care equipment: beds, bedside tables, respirators, suction apparatus wheel chairs, stretchers, mattresses, etc.	85,500	(3)
4. Professional equipment: sterilizing, radiologic, physical therapy, laboratory, etc	42,500	(3)
5. Miscellaneous equipment: food preparation and service, Business Office, visitor areas, desks, typewriters, files, dictation equipment, etc	30,000	(3)
6. Air conditioning	60,000	(1)
Subtotal for equipment	$268,000	
Annually for equipment	$134,000	

(1) Partial Program Cost
(2) Non-Recurring Cost (5 or more years)
(3) Recurring Cost

3. PSYCHOPATHIC HOSPITAL

A Fund: Salaries, Support, Maintenance and for the care, treatment and maintenance of committed and voluntary public patients

1954-55 Budget	$447,950
Deduct for non-recurring expense	-21,950
Subtotal	426,000
Income anticipated from patients	59,214
Appropriation needed to continue existing operations	366,786
Add for:	
Salaries and wages adjustments	21,000
Replacments and additional positions	15,800
General expense	3,000
Research funds to replace USPH Grant	15,000
Appropriation required annually 1955-57	$421,586

Note

Annual appropriation 1953-55	$357,286
Proposed annual appropriation 1955-57	421,586
Increase	$ 64,300

Comment

The value of this institution has been well established. Its continued value in research, teaching and service is dependent upon adequate appropriations for its programs. The acceptance of the value of psychiatric consultation and advice is growing so rapidly that increasing demands are made upon the staff for "preventive" measures. A large part of the staff's service is to persons who are never admitted to the hospital, but are aided by consultations and advice that ward off and avoid more serious mental states. The only limit on this is the staff and time available.

3. PSYCHOPATHIC HOSPITALS

Fund A—Salaries, Support Maintenance and for the Care, Treatment and Maintenance of Committed and Voluntary Public Patients

In this section will be shown:

First, a comparative statement in five columns, of the change in Fund A from "Actual 1953-54" (column 1) to "Proposed Annually 1955-57" (column 5)—see page 92,

Second, the changes from 1953-54 actual expenditures to 1954-55 budgeted expenditures—See columns 1, 2 and 3, page 92, and page 93;

Third, the changes from 1954-55 budgeted to "Proposed Annually 1955-57"—See columns 3, 4 and 5, page 92 and pages 93 and 94.

THE UNIVERSITY
3. PSYCHOPATHIC HOSPITAL
A FUND: SALARIES, SUPPORT, MAINTENANCE AND FOR THE CARE, TREATMENT AND MAINTENANCE OF COMMITTED AND VOLUNTARY PUBLIC PATIENTS

	Actual 1953-54	Budget 1954-55 Increase over 1953-54	Budget 1954-55 Total Budget	Proposed Annually 1955-57 Increase over 1954-55	Proposed Annually 1955-57 Annual Total Proposed
EXPENDITRES:					
Administration—recurring	$ 38,764	$ 2,007	$ 40,771	$ 2,100	$ 42,871
Administration—nonrecurring		550	550	−550	
Dietary	35,037	5,146	40,183	1,595	41,778
Household and Property—recurring	35,321	1,804	37,125	2,380	39,505
Household and Property—nonrecurring		1,500	1,500	−1,500	
Plant Operations—recurring	10,993	807	11,800		11,800
Plant Operations—nonrecurring		2,300	2,300	−2,300	
Professional Services—recurring	239,970	28,118	268,088	25,800	293,888
Professional Services—nonrecurring		10,950	10,950	−10,950	
General Operating	199	126	325		325
Nonoperating	725	−225	500		500
Research and Teaching—recurring	29,040	14,746	43,786	22,925	66,711
Research and Teaching—nonrecurring		2,500	2,500	−2,500	
Credit for Estimated Lapses	(−11,352)*	−16,578	−16,578		−16,578
Supplemental for Contingencies		4,150	4,150	−4,150	
Grand Total Budget	$ 390,049	$ 57,901	$ 447,950	$ 32,850	$ 480,800
Deduct Nonrecurring expense		−21,950	−21,950	21,950	
Net Total Budget	$ 390,049	$ 35,951	$ 426,000	$ 54,800	$ 480,800
PROPOSED FINANCING					
Balance Forward	$ 40,190	$ −26,713	$ 13,477	$ −13,477	
Other Income	61,336	755	62,091	−2,877	$ 59,214
53-54 State Appropriation drawn in 54-55		15,096	15,096	−15,096	
STATE APPROPRIATION	302,000**	55,286	357,286	64,300	421,586
Grand Total	$ 403,526	$ 44,424	$ 447,950	$ 32,850	$ 480,800
	Estimated Lapse		(.....)		

* Distributed to items above.
** $40,190 transferred to R R A & E in 1954-55.

3. PSYCHOPATHIC HOSPITAL

Comments upon differences between actual expenditures for 1953-54 and budget allocations for 1954-55.

Administration

The increase of $2,007 was necessary to maintain a full staff in this division.

Dietary

The increase of $5,146 was for patients' meals. Certain building repairs in the patient areas during the summer of 1953 resulted in a temporary curtailment in the number of patients admitted and also a reduction in the number of meals purchased from the General Hospital during 1953-54.

Household and Property

The increase of $1,804 was mainly to provide additional staff in this division.

Plant Operations

The increase of $807 was to meet the increased cost plant maintenance and operations.

Professional Services

The increase of $28,118 was to provide additional professional workers in the care of patients, teaching and training of medical students, student nurses and resident physicians.

General Operating

The increase of $126 was to meet anticipated additional expense.

Non-Operating

A decrease of $225 may be expected in this item of expense.

Research and Teaching

The increase of $14,746 was to fill vacancies and provide additional staff members for research projects, teaching and training of students and resident physicians.

PSYCHOPATHIC HOSPITAL

Comment upon the changes from the 1954-55 Budget to "Proposed Annually 1955-57"

Salaries and wage adjustments ..... $ 21,000

This sum is requested in order to permit the retention of good staff. This is a field in which properly prepared persons are scarce and the importance of retaining highly competent ones cannot be overestimated. This is especially true because the staff acts as consultants and advisors to other state institutions and services.

Replacement and additional positions ..... $ 15,800

The staff has been called upon to give increasing service to the General Hospitals and to Student Health, requiring an additional physician and resident physician. A new staff member should be added.

A janitor and nurse should also be added.

In the long run more full time attendants should be added.

General Expense ..... $ 3,000

Currently the census has run below normal because of vacation of space in the hospital for repairs. Further the census of pay patients is currently at the depression level. A full census which may soon be reached will require more general expense money. A full census for the next biennium is anticipated.

Research funds to replace USPH Grant ..... $ 15,000

This has been reduced from $15,000 to $12,500 for the year 1954-55, and there is no commitment beyond the current year. The research and teaching in the psychosomatic program, however, is of such importance that it should be continued. This is a fundamental program that ought not to be abandoned for want of federal funds because it is enlisting the interest and approval of other branches of medicine.

B Fund: Repairs, Replacements		Annually
Alterations or Equipment		$ 20,000
Estimated expense for building maintenance repairs and replacements (including replacement of hoppers, sinks and certain bathroom fixtures)		19,000
Alterations and special repairs (including new counter for business office, ventilation of dayrooms and cabinet work on wards)		5,000
New equipment and replacements—		
Furniture and Fixtures	$ 7,000	
Office furniture and machines	3,000	
Medical apparatus	3,000	
Research equipment	2,000	
Miscellaneous	1,000	16,000
For the Biennium		$ 40,000
Annually for RRA or E.		20,000

4. STATE BACTERIOLOGICAL LABORATORY

A Fund: Salaries, Support, Maintenance and Miscellaneous	
1954-55 Budget	$229,997
Deduct non-recurring expense	-659
Subtotal	229,338
Anticipated income from fees, etc.	41,038
Appropriation required to continue existing operations	188,300
Add for:	
Salaries and wages adjustments	10,281
Operation of T. P. I. program	8,000
Appropriation required annually 1955-57	$206,581
Note	
Annual appropriation, adjusted, 1953-55	$188,300
Proposed annual appropriation, 1955-57	206,581
Increase	$ 18,281
B Fund: Repairs, Replacements, Alterations or Equipment	
For the first year	$ 25,000
For the second year	10,000

Comment upon changes from 1954-55 Budget to Proposed Annually, 1955-57

There has been added two items:

1. 6% for salary and wage adjustments;
2. $8,000 ($2,000 for salaries and $6,000 for expense) to establish the only new program recommended by Dr. Borts, namely, the Treponema Pallidum Immobilization (T. P. I.) Test. Here is what he has to say about it:

"This test is said to be specific for syphilis while the present tests are non-specific. It is apparent that the T. P. I. test will

not replace the present tests but it is a very valuable adjunct. Non-specific or so-called false positive reactions are obtained with sufficient frequency as to cause great problems in interpretation. The Department of Dermatology, University Hospitals, and other centers diagnosing and treating syphilis as well as practicing physicians are asking help in this direction. There is no reference source such as the United State Public Health Service where specimens may be referrd for T. P. I. tsting."

R. R. A. & E.

During 1953-54 a total of $10,000 was expended for equipment. This is normal for existing operations. A T. P. I. program is proposed. The required laboratory for the T. P. I. program will cost $15,000. To cover all needs, $25,000 should be available the first year of the biennium and $10,000 the second year.

THE UNIVERSITY
4. STATE BACTERIOLOGICAL LABORATORY
A FUND: SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS

	Actual 1953-54	Budget 1954-55 Increase over 1953-54	Budget 1954-55 Total Budget	Proposed Annually 1955-57 Increase over 1954-55	Proposed Annually 1955-57 Annual Total Proposed
EXPENDITURES:					
Iowa City Laboratory					
Salaries	$ 146,112	$ 12,887	$ 158,999	$ 11,540	$ 170,539
Other Expense—recurring	55,032	−693	54,339	6,000	60,339
Other Expense—non-recurring	.....	659	659	−659	.....
Sub-total	(201,144)	(12,853)	(213,997)	(16,881)	(230,878)
Des Moines Branch					
Salaries	11,885	467	12,352	741	13,093
Other Expense	7,450	−3,802	3,648	.....	3,648
Sub-total	(19,335)	(−3,335)	(16,000)	(741)	(16,741)
Grand Total Budget	$ 220,479	$ 9,518	$ 229,997	$ 17,622	$ 247,619
Deduct Non-recurring expense	.....	−659	−659	659	.....
Net Total Budget	$ 220,479	$ 8,859	$ 229,338	$ 18,281	$ 247,619
PROPOSED FINANCING					
Balance Forward	.....	$ 988	$ 988	$ −988	.....
Other Income	$ 41,367	−329	41,038	.....	$ 41,038
State Appropriation	180,100*	8,200†	188,300**	18,281	206,581
Grand Total	$ 221,467	$ 8,859	$ 230,326	$ 17,293	$ 247,619
	Estimated Lapse		(329)		

* $16,000 transferred to R R A & E 1953-54.
** 7,800 transferred to R R A & E 1954-55.

† $ 8,200 difference.

Comments upon differences between actual expenditures for 1953-54 and budget allocations for 1954-55.

IOWA CITY LABORATORY SALARIES—The increase of $12,887 was due to the filling of two positions which were not filled in 1953-54, and to scheduled increases for classified positions.

DES MOINES BRANCH SALARIES—The increase of $467 was due primarily to scheduled increases for classified positions.

DES MOINES BRANCH OTHER EXPENSE—The decrease of $3,802 was due to extra expense of initial supplies to stock the new laboratory in 1953-54.

5. HOSPITAL SCHOOL FOR SEVERELY HANDICAPPED CHILDREN

A Fund: Salaries, Support, Maintenance and Miscellaneous

Budget 1954-55 (covered by appropriations as there is no other income)		$376,230
Deduct for non-recurring expense		-22,330
Sub Total		$353,900
Add for:		
Additional for full operations:*		
Staff	$17,618	
Expense (food, laundry, etc.)	26,860	44,478
Salaries and wages adjustment		17,172
Annual Appropriation required, 1955-57		$415,550

*(For an estimated 48 bed patients and 12 day patients in regular service, and for full operation of the out-patient service)

Note

Annual appropriation, 1953-55	$293,900
Proposed annual appropriation, 1955-57	415,550
Increase	$121,650

B Fund: Repairs, Replacements, Alterations and Equipment

Repairs Replacements and Alterations $ 20,000

This is an estimate. Experience shows that every problem in the use and occupancy of a building cannot be anticipated. This is especially true of a highly specialized service for children, no two of whom are likely to be handicapped in identical fashion. This is a guess as to what experience may show is necessary to make the building most adequate for its purposes.

Equipment $ 30,000

There is as yet no adequate experience upon which to base an accurate estimate of needs for a school of enlarged size. Nor can need ever be accurately anticipated without knowing the patients to be admitted. Many patients require some special equipment because of the variety of their handicaps, or the degree of severity in the same handicap, or the extent of the involvement. Two arthritic patients may require different types of equipment depending upon the length of illness and severity of the disease. Also, new equipment, as it is developed and brought on the market, should be available not only for the sake of the patients, but also because this is a training school for workers in the field, i. e., teachers and therapists, who should be acquainted and able to work with the best equipment available.

For the Biennium	$ 50,000	
Annually		$ 25,000

Comment

This school renders a service to the State in the care and instruction of the mentally alert but physically handicapped child, in the training of teachers for public schools in this specialized field, and in research into the most desirable and effective methods of care and instruction.

What it can do will be determined primarily by what it is given the resources to do.

Comparison of "Actual 1953-54" with "Total Budget 1954-55" is not valid because the partial use of the new building began in January of 1954 whereas all operations during 1954-55 will be in the new facilities.

The additional annual needs of 1955-57 over 1954-55 arise from the added acquaintance with the operation of the new building and the variety of in-patient and out-patient services which experience indicates can be provided therein.

THE UNIVERSITY

5. HOSPITAL SCHOOL FOR SEVERELY HANDICAPPED CHILDREN

A FUND: SALARIES, SUPPORT, MAINTENANCE AND MISCELLANEOUS

	Actual 1953-54	Budget 1954-55		Proposed Annually 1955-57	
		Increase over 1953-54	Total Budget	Increase over 1954-55	Annual Total Proposed
EXPENDITURES:					
Administration	$ 27,772	$ 5,291	$ 33,063	$ 1,984	$ 35,047
Teaching	47,206	11,325	58,531	11,562	70,093
Health and Medical Service	53,911	17,199	71,110	13,834	84,944
Dietary and Personal Maintenance	69,024	54,484	123,508	34,270	157,778
Other Expense	13,657	54,031	67,688		67,688
Equipment—non-recurring		22,330	22,330	-22,330	
Grand Total Budget	$ 211,570	$ 164,660	$ 376,230	$ 39,320	$ 415,550
Deduct non-recurring expense		-22,330	-22,330	22,330	
Net Total Budget	$ 211,570	$ 142,330	$ 353,900	$ 61,650	$ 415,550
PROPOSED FINANCING					
Balance Forward		$ 5,811	$ 5,811	$ -5,811	
Other Income	$ 381	-381			
53-54 State Appropriation drawn in 54-55		76,900	76,900	-76,900	
State Appropriation	217,000	76,960	293,900	121,650	$ 415,550
Grand Total	$ 217,381	$ 159,280	$ 376,611	$ 38,939	$ 415,550
	Estimated Lapse		$ (381)		

6. LAKESIDE LABORATORY

Annually ..... $ 3,500

During 1953-54 a total of $3,300 was appropriated.

Comment

In the Lakeside Laboratory, we have a highly valuable adjunct to the University, and to the other institutions under the Iowa State Board of Education. The Laboratory has enjoyed the support and cooperation of faculty members from many of the private colleges of the State.

Money for capital improvements is being specifically requested to meet specific needs. The above sum is asked for ordinary repairs, replacements, alterations and equipment or any unusual or extra capital expense.

STATE UNIVERSITY OF IOWA
OFFICE OF THE PRESIDENT
IOWA CITY, IOWA

Capital Improvement Needs, 1955-57

On the accompanying pages are presented the more urgent capital improvement needs of the State University of Iowa for the biennium, 1955-57.

Why, it may be asked, with enrollments greatly reduced from the peak of post World War II, does the University need additional capital improvements? The answer is that our post war excess student load was carried in temporary structures now nearly ten years old and rapidly disintegrating. Moreover, it is disturbing to note that most of the needs listed herein were set forth in a **Ten Year Capital Improvement Program** submitted by me to the State Board of Education **ten years ago** this summer and to the General Assembly of Iowa **ten years ago** next winter. That Program was not adopted. What we have achieved in the last ten years represents considerably less than the requests made for the biennium, 1945-47. As a matter of historical interest, a copy of that Program is attached as Schedule IV.

An additional factor deserves consideration also—the enrollment of the University in the autumn of 1940 was 6,667 students. The University enrollment in the autumn of 1953 was 7,641. The difference amounts to an increase of 984 students. Moreover, future enrollments will grow and ten years from now, July 1, 1964, the increase will be very large. That day will arrive too soon and we must begin to prepare for it now.

Our current increase of 984 students over the enrollment of 1940 exceeds the current total annual enrollment of students in Grinnell College. An increase in students equivalent to the total enrollment of a small college obviously justifies large additions to our plant—additions which have not been realized. In fact, classrooms and offices now in active use utilize 65,360 square feet of floor space in 39 temporary structures. Still other uses require an additional 17,120 square feet in other temporary buildings. Finally, the colleges of Pharmacy and Law, although largely housed in permanent structures, are overcrowded and are seriously hampered in their activities because of inadequate space.

Our present plight obviously calls for some orderly program of planning and construction to meet our capital improvement needs.

Attached are four schedules. Schedule I lists the more urgent capital improvement needs of the University for the biennium, 1955-57. Schedule II lists as a separate item each current need appearing in Schedule I together with a brief statement in support of the need. Schedule III sketches the long range capital improvement problem of the University. It should be read together with Schedule IV which is a copy of the Ten Year Program submitted by the University to the State Board in the summer of 1944 for the ten year period July 1, 1945 to July 1, 1955. These will emphasize more dramatically than anything we can say now the need of the State to devise some orderly program of planning and construction to meet the capital improvement needs of the University and the other institutions under this Board.

Schedule I

Capital Improvement Needs for the Biennium 1955-57
(See also Schedule III)

1.	TV (See Schedule II-1)	
2.	Music—adapting and equipping an existing building for music (Eastlawn dormitory)	$ 100,000
3.	McBride Auditorium—Rehabilitation	110,000
4.	Laundry (building and equipment)	150,000
5.	Utilities	950,000
6.	Pharmacy (building and equipment)	1,200,000
7.	Library (additions and equipment)	1,200,000
8.	Law Annex (and equipment)	500,000
9.	Remodeling vacated space and land purchases within campus boundaries	100,000
10.	Lakeside Laboratory Improvements	30,000
	Total	$4,340,000

Schedule II-1

1. TV

In the statement of needs for capital improvements for 1953-55 an appropriation for a TV station at SUI was requested. No appropriation was made by the 55th General Assembly.

It is our conviction that this State should take advantage of the opportunity to establish and maintain educational television stations, adequately built, equipped and supported, at its three larger state institutions, looking toward an eventual educational TV network for the state. Such a program will be of the first importance in the impending teacher shortage in the schools and colleges.

No specific request for an appropriation is included in this statement in the absence of the declaration of an affirmative policy toward educational TV by the State, but the omission does not lessen our conviction that the State of Iowa should affirm and adopt such a policy and should make provision for a station at the University.

Schedule II-2

2. Music $100,000
(adapting and equipping an existing building for music—Eastlawn dormitory)

The Ten Year Program (1944) proposed moving music to the West Campus, north of the Dramatic Arts Laboratory. Lack of funds has kept music housed in the old Isolation Hospital (remodeled), in low cost band and orchestra rehearsal halls, and in temporary barracks and old houses at the eastern edge of the campus. Yet music deserves better housing. "Give me the making of the songs of a nation," said Andrew Fletcher in 1703, "and I care not who makes its laws." The State deserves one great department of music in its system of higher education. It now has such a department at the University. That department deserves more adequate facilities.

We need (1) practice room for 500 practice hours daily, (2) six additional teaching studios, (3) four additional classrooms, (4) listening rooms for recorded music, (5) space for books and musical scores, and (6) space for choral materials.

To meet this need, without precluding an ultimate move to the West Campus, we propose to remodel Eastlawn, once a nurses home and more recently a dormitory for University women. Its availability is contingent upon the construction of new alternative dormitory space for university women.

We made a high priority request for $576,000 to the 55th General Assembly for a supplementary music building, but it was passed over. We urge this alternative as the best interim solution to a pressing problem.

Schedule II-3

3. McBride Auditorium—Rehabilitation $110,000

The University has no auditorium that will seat an audience of more than 500 in any degree of convenience or comfort. The Union Lounge and the Field House can be set up, but only where there are no conflicts with their required programs and then at great expense. We need to rehabilitate McBride Auditorium. It has a capacity of about 1,200. With proper air conditioning, floor alterations, new seats, etc., it could be developed into a good, if not great, auditorium—at great saving of labor and expense for set-ups in the Union and Field House.

It would get extraordinaly heavy usage if its poor ventilation and ancient seats could be eliminated.

Schedule II-4

4. Laundry Building $150,000

Our present laundry stands east of East Hall on the east side of Gilbert Street near Iowa Avenue.

East Hall was the University Hospital from its construction until removal of the Medical School to the West Campus about twenty five years ago. When that change took place, the power plant for the old hospital fell into the discard. The present laundry facilities were created by converting that old power plant to laundry purposes.

The building stands at the extreme eastern end of the campus. It is a heavy user of steam, water and electricity. It is hard to conceive of a more inefficient arrangement than the one resorted to years ago in adapting to laundry purposes an old power plant, standing far from the sources of water, heat and electricity, and placing the maximum demands upon the utility lines.

A new, well designed laundry building, erected close to the University Power Plant and the source of our utility services, will be worth its cost in efficiency, economy and increased service.

Schedule II-5

5. Utilities $950,000
   (a) Water reservoir, piping, and pumping equipment
   (b) To extend low pressure exhaust steam lines on the east and west campus, thereby fully utilizing steam for heating purposes, and to relieve load on boilers
   (c) Electrical generator-turbine.
   Our present rated generator capacity is 3000 K. W.
   Our present peak loads run from 4000 to 4500 K. W.

These are in accord with the program outlined in the Sargent and Lundy recommendations, except that we are far behind the time-table proposed therein.

Schedule II-6

6. Pharmacy (Building and Equipment) $1,200,000

Since 1926 Pharmacy has been housed in slightly less than two floors on one wing of the Chemistry-Pharmacy-Botany Building. Beginning in 1940 it has been forced to expand into temporary structures adjacent—now totalling 6,750 square feet.

The space in the wing was designed for 85 undergraduates in a two year pharmacy program. There are now 171 undergraduates in a four year program, and enrollments—or requests to enroll—will increase: Graduate work was started in 1937, and we now have fourteen graduate students in the pharmaceutical sciences. Graduate work in that field is of increasing importance and we could have, and should have, many more graduate students if space permitted. It has also been necessary to add training in hospital pharmacy. The pharmaceutical manufacturing laboratory not only provides important professional training, but 381 items in 41 classifications totalling more than 100 tons of pharmaceutical products were fabricated in the laboratory for the University and its hospitals in a typical year, all at a substantial saving to the State.

The congestion in the present quarters is hardly tolerable and the hazard from inflammable chemicals is very great.

The rank and standing of the College educationally, as well as its great services to the University, entitle it to a home commensurate with its reputation.

The College and its activities belong on the West Campus adjacent to the Hospital, as a part of the long range development of a great Health Center on the West Campus.

Schedule II-7

7. Library additions and equipment $1,200,000

Our library is built on the modular plan, each module being 19½ feet by 27 feet in column centers with approximately 8 feet clearance from floor to finished ceiling. This type of construction with movable partitions permits the maximum flexibility in interior arrangment, and the maximum efficiency and economy in the use of floor space.

We now request an appropriation of $1,200,000 for additions and improvements to the Library as follows:

(1) The first is an addition to provide for library expansion. When the present structure was built, we had to reduce our plans so drastically to stay within available funds that we cannot use the building as effectively as an educational unit as we had planned. Added volumes have reduced the free space. Additional modules and equipment are needed to care for book acquisitions during the next ten years. It is estimated that approximately one half of the appropriation would be expended, and that approximately 51 additional modules would be added for this purpose.

The original plans for the Library called for air conditioning, but rising building costs compelled its elimination. Nevertheless, the Shambaugh Lecture Hall and certain nearby areas are much in need of air conditioning. It is proposed that approximately $50,000 be spent for this purpose.

(2) Units such as the Bureau of Business and Economic Research, the School of Social Work, the Institute of Public Affairs, Communication Skills, a part of the English Department, etc., are housed in temporary structures—nine years after the end of World War II. Most of the above units make extraordinary demands on the Library. It is proposed to expend the balance of the above sum in the construction and equipping of additional modules to house the above mentioned units in a permanent structure.

The construction of the University Library was a turning point in academic library construction. We should be proud to have it, and to seek adequate additional space for the housing therein of important related activities.

Schedule II-8

8. Law Annex $500,000

Our Ten Year Program of 1944 proposed a new Law Classroom and Library Building on the West Campus, north of the Law Commons. However, we are faced with a serious condition that calls for temporary relief. Our present Law Building is overcrowded. We are patching things up with temporary structures and other makeshifts, but much law library material is rapidly becoming inaccessible or is being stored in unsafe places. As an unhappy concession to a desperate situation, we are requesting $500,000 to build an annex, adjacent to the present building. Such an annex would be constructed so that it might be used for other purposes upon construction of a law classroom and library under the long-range plan. The proposed annex is not a "special purpose" annex. It will be useful for other general purposes when no longer needed for law.

Schedule II-9

9. For remodeling vacated space and land purchases within campus boundaries $100,000

Remodeling of vacated space

The preceding requests contemplate the vacation of some space in existing buildings. Provision should be made for the remodeling of that space for other uses.

Land purchases

In 1945 the General Assembly appropriated a land purchase fund for the acquisition of lots, houses, and other real estate that might

become available within the general campus boundaries fixed by the Iowa State Board of Education. We believe that the fund, always expended with the consent of the Executive Council, was wisely appropriated and wisely spent. It is now exhausted.

The appropriation of $100,000 for remodeling and for land purchases would also be a wise investment by the State.

Schedule II-10

10. Iowa Lakeside Laboratory.....$ 30,000

The above sum is requested for three purposes:

(1) The first is to replace old dilapidated cabins with three four-cottage units each under one roof. One four-cottage unit will be built this spring to replace three old cabins. This proposed addition would complete the cottage rehabilitation project around the Mall and furnish housing space for anticipated enrollment increases for the summer program at the Laboratory.

Estimated cost—$13,500—$4,500 for each four-cottage unit.

(2) A center for study, recreation, conferences and institutes. Such a center would make it possible to hold conferences and institutes at the Iowa Lakeside Laboratory without depriving students in residence of the use of the library while such meetings are held.

Estimated cost—$10,000

(3) Enlargement of the bathhouse and toilet facilities. With increased enrollment and the holding of conferences and institutes at the Laboratory additional bath and toilet facilities are needed.

Estimated cost—$5,000

(4) Contingency .....$ 1,500

Schedule III

THE UNIVERSITY'S LONG RANGE CAPITAL IMPROVEMENT PROBLEM

The University has capital improvement needs which go far beyond the current statement of needs. Any comprehensive consideration of the University's capital improvement needs should take into account three things:

1. The capital inprovements required to care for our present needs and to bring our present activities from temporary, wooden or obsolete structures into good permanent structures.
2. The capital improvements required to meet the needs which will arise with increasing enrollments over the next decade.
3. The capital improvements required for new or expanding activities resulting from new knowledge and enlarged opportunities for research and service.

The needs listed in Schedule I and in Schedule II are almost wholly concerned with those encompassed in point 1 above.

Future Needs

2. Capital improvements required to meet the needs which will arise with increasing enrollments over the next decade.

A census of children now in being and already entering the elementary grades of our public schools shows a tremendous upsurge in enrollment. Sometime in the early 1960's it is estimated that this state will have fifty to fifty-five per cent more children of college age than it had

last year. If those children graduate from high school and if the percentage of high school graduates seeking to enter college remains constant, the demand for college education will be greatly increased. There is no evidence that the privately controlled colleges can or will desire to absorb their proportionate part of the increase. Most of the increased number will be taken into public institutions or will be denied the opportunity for a college education even though qualified to profit by it. To deny the opportunity is contrary to our tradition.

3. Capital improvements required for new or expanded activities resulting from new knowledge and enlarged opportunities for research and services.

The new medical research building now in process illustrates this proposition, but it meets our need in only one area of the University. New inventions, new discoveries, new methods create new opportunities for study and service whether in malignant pathological states, psychotic disturbances or in social relationships. The dramatic developments in electronics and atomic energy are illustrative of the advances on all fronts. Quite apart from increased enrollments, the research and services which a university, and only a university or a complex technological institution, can provide, would call for capital improvements on an extensive scale.

Nor should we forget the importance of good buildings and equipment in holding and attracting good faculty.

It is to be hoped that the 56th General Assembly will embark on a long range program to meet the needs of the institutions in an orderly fashion.

If the University and other institutions under the State Board of Education could be given some assurance of a relatively constant fixed and substantial sum each year for the next ten years they could, by long range planning and orderly construction, proceed most efficiently and economically.

Schedule IV

Set out below is an exact copy (omitting one chart) of pages 6 to 12, inclusive, of my report of August 15, 1944 to the Iowa State Board of Education on the financial needs of the university for the biennium 1945-47.

In those pages is set forth a proposed Ten Year Program totalling over $9,500,000. At that time the state was building up surpluses which ultimately exceeded $100,000,000.

This is an interesting—and in the light of subsequent developments—a tragic document. Note the estimated building costs. What was then estimated to cost nine and one-half millions would now cost nearer 25 millions. Then the state had the money! And now the university could have had the buildings!

THE STATE UNIVERSITY OF IOWA

Building Program

July 1, 1945 to July 1, 1955

GENERAL STATEMENT

The accompanying chart* shows that State appropriations for capital purposes have been relatively small for the past fifteen years. During such a period a great University undergoes many changes, not only in

enrollment but in teaching methods and demands from the student body and general public. Colleges and departments need reorganization from time to time for effective operation. Growth during the past decade has pointed to the need for many improvements to the physical plant. Many capital needs, which have been seriously needed, have been deferred.

It is true that during the war period building materials and labor are not available. However, there are indications that after the war building materials will be obtainable and the Federal Government will have a Public Works Program wherein Federal funds will be forthcoming for capital needs, provided there are funds available for matching purposes. The State of Iowa should provide the University with a sizeable fund for capital purposes and be in a position to match Public Works Agency funds.

The businesslike thing to do is to report for consideration a planned progressive building program. The following summary sets forth these needs. Please note that the requests are large for the first biennium—1945-47. This is done not only to be in a position to secure as large a Federal appropriation as possible—when and if available—after the war, but also to overcome the lag in building during the past fifteen years and to provide for the acute needs of the post war years.

* Chart not reproduced in this copy.

SUMMARY

	Total	Annual
Biennium—1945-47	$4,010,000	$2,005,000
Future Needs	$5,550,000	As Required

FOR THE BIENNIUM 1945-47

	Total Estimated Cost	Annual Appropriation
1. New Library	$700,000	$350,000

The 49th General Assembly appropriated the sum of $300,000 for the first unit of the New Library. The war prohibited all building and the 50th General Assembly continued the appropriation and authorized the State Treasurer to invest this sum in U. S. Bonds. It is requested that the sum of $350,000 annually, or a total for the biennium 1945-47 of $700,000 to be appropriated, which when added to the now existing appropriation of $300,000 will create a fund of $1,000,000 for the New Library. Not only is the Library needed to make books more readily accessible to students for educational purposes and to safeguard them in fire proof quarters but to release space now filled with books in Schaeffer Hall, MacBride Hall and other University buildings in order that the space so released may be used to meet classroom and other needs arising from the anticipated increase in post-war enrollments. Thus the Library is not only needed for our long range program but its construction will aid in reducing congestion and over-crowding after the war. For these reasons the prompt construction of the Library is of paramount importance.

2. Improvements to Heat, Light and Water Service and Physical Plant Shops	$500,000	$250,000

The present physical plant shop is now located on the New Library site. The present shop, together with the plumbing, paint and

	Total Estimated Cost	Annual Appropriation

machine shop, now inadequately housed, should be centralized in a new central shops building. In addition to this, our power plant is now overloaded and additional boilers and a steam turbine should be added. These together with needed improvements in tunnels, steam lines and electric lines should be added to service the new buildings requested for the biennium 1945-47.

3. Physical Education for Women.....$300,000 $150,000
The present Women's Gymnasium was built 30 years ago to house physical education for 804 women. Today the enrollment for this work is more than double the enrollment for 1915. In the thirty years since the building was built, not only has the available space been outgrown but new technics and trends in the program of physical fitness for women require space designed for more highly personalized attention within their building and for the out-of-door exercise so closely allied to this program.

4. Communication Center (Journalism and Visual Education) $525,000 $262,500
Modern trends indicate clearly the inseparable relations existing between journalism, visual education, and radio. The need for a Journalism Building has long been felt since the building housing this school was burned in 1940, and the School of Journalism has since been inadequately housed in widely scattered and "borrowed" quarters. In providing this School with facilities in keeping with the importance of the training it provides, it is neither efficient educationally nor sound economically to divorce it from the two associated activities of visual education and radio. Moreover, a "communications center" to house and to coordinate these three activities not only will promote the effectiveness of each but will eliminate duplications in lecture rooms, classrooms, laboratories, libraries and service facilities which would be necessary if they were housed separately. The successful use of visual aids, such as photography, cinematography, slides, lithographic charts, posters, models, animations, in education and in industry signifies a need for trained workers in the field of production, and the association of such work with trained writers in the field of journalism emphasizes the importance of a close relationship. This center should be planned from the beginning to include radio for similar reasons, but it is believed wise at this time to defer such an inclusion until the trends in radio are more clearly indicated.

5. Addition to Children's Hospital.....$ 50,000 $ 25,000
The 49th General Assembly appropriated $45,000 for this addition. These funds are now invested in U. S. Bonds by the State Treasurer. The additional sum requested here will be needed to build the addition when materials are available.

6. New Pharmacy Building.....$300,000 $150,000
The College of Pharmacy is now housed in the Botany-Pharmacy-Chemistry Building. Quarters are inadequate and this College needs additional and proper space to store drugs and for the preparation of pharmaceutical materials. Furthermore, the College of Pharmacy properly belongs in the Medical and Hospital group on the West Campus. Pharmacy not only serves the College of Medicine edu-

	Total Estimated Cost	Annual Appropriation

cationally but buys or manufactures all the drugs for the Hospitals. Removing Pharmacy from its present location will provide space for expansion of the Chemistry Department. The Chemistry Department was cramped and congested even before the war. The space now available for Chemistry is inadequate for anticipated post-war enrollments and for the expanding needs of a field of teaching and research of ever increasing importance.

7. Auditorium and Music Building $1,000,000 $500,000

No auditorium on the campus seating more than 450 people is safe in the event of a fire. MacBride Auditorium, seating capacity 1,200, was built for a student body of 2,000; the lounge of Iowa Memorial Union, seating capacity 1,800, was not built for an auditorium; both are inadequate for the present enrollment, and both are unsafe. The University needs and should have an auditorium capable of seating a large audience and designed so that the best talent in the country may be brought before the student body. From the standpoint of economy in construction, operation, and maintenance, such a building may also be used to house the Department of Music most efficiently, and will also provide expanded facilities now greatly needed for music teaching and graduate study in this field.

8. A Bridge across Iowa River from Observational School Campus to Fine Arts Campus ..... $ 50,000 $ 25,000

This bridge is needed to give students in the observational school access to adequate playgrounds and other students access to the Dramatic Arts Laboratory and the Auditorium.

9. Child Welfare Station $200,000 $100,000

The facilities of the Child Welfare Research Station are widely scattered and some of its laboratories are in houses in areas which are scheduled for clearance. A consolidation of its facilities into a new building not only will promote this experimental work of the Station but will also enable it to coordinate this work in a significant way with secondary education in the University Experimental Schools.

10. Equipment ..... $160,000 $ 80,000

It has been impossible to purchase equipment during the war period. After the war the amount of worn-out equipment which must be replaced will be large. Furthermore, new equipment will be needed for the new buildings listed above.

11. Clearing Campus of Privately-Owned Lots ..... $100,000 $ 50,000

To provide sites for buildings in this list and to clear the Campus of privately-owned property within the boundaries of the University fixed by the State Board of Education.

12. Sewers, Walks, Paving, Grading and Other Campus Improvements ..... $125,000 $ 62,500

This sum is needed to provide these services to the new buildings and to improve and replace existing services.

TOTAL $4,010,000 $2,005,000

FUTURE NEEDS

(The order of the items listed hereafter is not necessarily final, and future needs may develop which are not now foreseen.)

		Total Estimated Cost
1.	New Dental Building The present Dental Building was built in 1916. Growing demands for dental education make a new and larger dental laboratory building imperative. Furthermore, the College of Dentistry should be closely allied to the Medical Sciences on the West Campus.	$ 450,000
2.	Botany Building A new building and greenhouse to consolidate and to locate in better position, the work of the Botany Department, and further to increase the facilities for Chemistry by the removal of Botany from the Chemistry Building.	$ 200,000
3.	Law Building The long contemplated program of a College of Law Campus in the area set aside for that purpose requires a new building for the College of Law. The space vacated in the present Law Building will be completely convertible for other needed uses at small expense.	275,000
4.	Physical Plant Improvements For extension of Heat, Light and Water service to above buildings. Also additional shop service.	1,000,000
5.	College of Commerce A new building to establish the College of Commerce in a building of its own and to release needed space in University Hall.	250,000
6.	Office Buildings A new building to house administrative offices such as the Business Office, the Registrar's Office, etc.	300,000
7.	Zoology Building A new building to enlarge the facilities for the Department of Zoology.	225,000
8.	Remodel University Buildings The program of development and construction indicated herein will call for complete remodeling of seven major University buildings in order to adapt them to new uses. Schaffer, MacBride and University Halls will house new tenants when the library is built, and all three buildings are completely convertible to new lecture, class, and laboratory work already in need of additional space. The present Zoology Building should be included and remodeled for the Communication Center; the Dental Building may readily be converted into a new and expanded quarters for Geology and Geography; the Music Building may be included as expanded facilities for the groups now housed in East Hall; and the Kellogg School, when remade, offers an excellent opportunity to move the State Hygienic Laboratories into acceptable quarters within the Medical Arts area, thus appropriately segregating this work and removing it from the Medical Laboratories. In the case of every one of these buildings, remodeling operations will produce a practically new building for uses which are already in need of expansion.	250,000
9.	Addition to Dramatic Arts Laboratory	150,000

		Total Estimated Cost
10.	Student Health Center	250,000
11.	Completion of Chemistry Building. This building is now crowded and should be completed.	500,000
12.	College of Education	200,000
13.	Electrical Engineering Building	200,000
14.	Communication Center (Radio). Development in frequency modulation, television, and the increasing demand for education in radio require an expansion in both space and facilities. The relationship radio now has to journalism and the economy of joint use of lecture, classrooms, studios, and library naturally includes radio education and radio broadcasting within a "Communication Center".	200,000
15.	Equipment for above buildings	750,000
16.	Clearing Campus of Privately-Owned Lots	100,000
17.	Sewers, Walks, Paving, Grading and Other Improvements	250,000
	TOTAL	$5,550,000

Summary of Estimate of Needs for each Year of the Biennium 1955-57

	1953-55	Annually 1955-57	Increase
Educational Programs: Teaching, Research and Service			
Fund A—Salaries, Support, Maintenance, and Miscellaneous	$7,187,000	$8,220,854	$1,033,854
Fund B—Repairs, Replacements, Alterations or Equipment	639,200	847,500	208,300
University Hospital			
Fund A—Salaries, Support, Maintenance, and for Medical and Surgical treatment of indigent patients	3,635,200	3,958,500	323,300
Fund B—Repairs, Replacements, Alterations or Equipment	197,500	300,000	102,500
Psychopathic Hospital			
Fund A—Salaries, Support, Maintenance, and for the care, treatment, and maintenance of committed and voluntary public patients	357,286	421,586	64,300
Fund B—Repairs, Replacements, Alterations or Equipment	18,400	20,000	1,600
State Bacteriological Laboratory			
Fund A—Salaries, Support, Maintenance and Miscellaneous	188,300(1)	206,581	18,281
Fund B—Repairs, Replacements, Alterations or Equipment	10,000(1)	17,500	7,500
Hospital School for Severely Handicapped Children			
Fund A—Salaries, Support, Maintenance and Miscellaneous	293,900	415,550	121,650
Fund B—Repairs, Replacements, Alterations or Equipment	0	25,000	25,000
Lakeside Laboratory	3,300	3,500	200
Capital Improvements (for the biennium)	$2,003,438	$4,340,000	$2,336,562

(1) Adjusted to 1953-54. $7,800 transferred from S.S. M. to R.R.A. & E.

Iowa State College of Agriculture and Mechanic Arts

AMES

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

James H. Hilton, President

for

Biennium, 1955-1957

THE IOWA STATE COLLEGE FINANCIAL NEEDS PRESENTED TO THE BOARD FOR SALARY SUPPORT AND MAINTENANCE FOR THE BIENNIUM 1955-57

After careful and detailed consideration of the needs of the Iowa State College by the President and other administrative officers, the following report was presented to the Iowa State Board of Education as a statement of the funds to be requested from the state in order to carry forward an adequate program in teaching, research and extension for the biennium beginning July 1, 1955:

In the preparation of this request, an estimate has been made of the total expenditures required annually. From the total estimate of expenditures has been deducted the estimated amounts which the College may receive from sources other than appropriations, such as income from Federal funds, endowments, student fees, sales, etc. The amount remaining is the portion required to be supplied from state appropriations. The total budget includes instruction, organized research, extension programs, library operation, the graduate college, short courses, Physical Plant operation, general expense and administration. It is a realistic budget. In order to arrive at the low figures to be requested from appropriations, it has been necessary to make drastic reductions in the actual requests as presented to the President by the deans, directors and their staffs.

The Iowa State College is operated to serve the citizens of Iowa. The money invested in the institution brings returns in three ways:

1. Iowa sons and daughters are educated for responsible leadership. They receive education in agriculture, engineering, home economics, veterinary medicine and science.

2. Research pays dividends to the taxpayers. Scientists working in many fields carry on studies designed to help Iowa people enjoy a better and more profitable life.

3. Extension programs assist thousands of Iowans to do more efficient jobs in agriculture, industry and the home by bringing the results of research directly to the people.

In order that the College may continue its service to the state in the fields of instruction, research and extension, and in order that it may retain its status among midwestern institutions, it appears necessary that additional funds be provided for (1) necessary merit and competitive salary adjustments, (2) necessary current expense increases, (3) the expense of increased enrollment, (4) some expansion of programs primarily in research and (5) an increase in the Contingent Fund.

The following pages indicate a breakdown of this request distributed between General College Operation, Organized Research and Extension Services, together with detailed statements relative to the required increases in the categories mentioned above. Also included in the following pages is an explanation of the estimate of income from sources other than state appropriations.

IOWA STATE COLLEGE

ESTIMATE OF STATE APPROPRIATIONS REQUIRED FOR SALARIES, SUPPORT AND MAINTENANCE, 1955-57

(July 8, 1954)

ESTIMATED EXPENDITURES, ANNUALLY	Total	*General College Operation	Organized Research	Extension Services	Contingent Fund
Base, 1954-55 Budget	$ 10,141,478	$ 6,248,883	$ 2,020,185	$ 1,826,448	$ 45,662
Add:					
1. Merit and Competitive Salary Adjustments	499,924	305,751	95,992	98,181	
2. Necessary Current Expense Increases	107,535	80,535	22,000	5,000	
3. Costs of Increased Enrollment	200,000	200,000			
4. New and Expanded Programs	330,500	35,000	251,500	44,000	
5. Expansion of Federal Programs in Agriculture	291,000**		102,000	189,000	
6. Increase in Contingent Fund	54,338				54,338
Total Proposed Annual Budget 1955-57	$ 11,624,775	$ 6,870,169	$ 2,491,977	$ 2,162,629	$ 100,000
ESTIMATED INCOME, ANNUALLY					
Federal Funds	$ 1,595,712	$ 114,000	$ 378,366	$ 1,103,346	
Endowment Income	20,000	20,000			
Student Fees	1,209,000	1,500,000			
Sales and Miscellaneous	325,000	225,000	80,000	20,000	
Overhead on Contracts	200,000	200,000			
Total	$ 3,340,712	$ 1,759,000	$ 458,366	$ 1,123,346	
STATE APPROPRIATIONS REQUIRED ANNUALLY, 1955-57	$ 8,281,063	$ 5,111,169	$ 2,033,611	$ 1,039,283	$ 100,000
STATE APPROPRIATION ANNUALLY, 1953-55	7,036,478	4,531,501	1,601,875	903,102	
INCREASE	$ 1,247,585	$ 579,668	$ 431,736	$ 136,181	$ 100,000

* Includes: Instructional Expense, Library, Junior Dean, Registrar, Graduate College, Administration, Physical Plant Operation, General Expense.
** The $291,000 addition for new programs will be provided by pending Federal legislation.

IOWA STATE COLLEGE
DETAIL OF PROPOSED BUDGETS
1955-57—ANNUALLY
July 8, 1954

GENERAL COLLEGE OPERATION	Base—1954-55 Budget			Additional Needs						
	Salaries Incl. Fringes	Current Expense	Total	Merit & Competitive Salary Adj.	Current Expense Increases	Expense of Increased Enrollment	New & Expanded Programs	Total Additions	Total Annual Budget 1955-57	Per Cent Increase
1. Instruction	($ 3,780,316)	($ 635,199)	($ 4,415,515)	($ 229,818)	($ 39,535)	($ 188,000)	($ 35,000)	($ 492,353)	($ 4,907,868)	11.2%
a. Agriculture	665,452	242,739*	908,191	42,927	8,000	30,000		80,927	989,118	8.9
b. Engineering	676,238	79,250	755,488	40,574	4,600	50,000		95,174	850,662	12.6
c. Home Economics	472,150	57,500	529,650	28,329	4,000	20,000	10,000	62,329	591,979	11.8
d. Science	1,546,707	183,787	1,730,494	92,802	17,935	80,000	10,000	200,737	1,931,231	12.0
e. Veterinary Medicine	293,071	30,700	323,771	17,584	4,000		15,000	36,584	360,355	11.3
f. Junior College	21,317	11,698	33,015	1,279	1,000			2,279	35,294	6.9
g. Graduate College	18,033	11,650	29,683	1,082				1,082	30,765	3.6
h. Short Courses	4,431	17,441	21,872	266				266	22,138	1.2
i. Summer Quarter	82,917	434	83,351	4,975		8,000		12,975	96,326	15.6
2. Library	158,080	61,892	219,972	9,485	6,000	5,000		20,485	240,457	9.3
3. Administration	351,082	141,600	492,682	21,065	5,000	2,000		28,065	520,747	5.7
4. General Expense	(147,341)	(98,724)	(246,065)	(8,840)	(5,000)			(13,840)	(259,905)	5.6
a. Radio	50,703	30,090	80,793	3,042	1,000			4,042	84,835	5.0
b. Information Service	61,136	41,034	102,170	3,668	2,000			5,668	107,838	5.5
c. Other	35,502	27,600	63,102	2,130	2,000			4,130	67,232	6.5
5. Physical Plant	379,045	495,604*	874,649	36,543	25,000	5,000		66,543	941,192	7.6
Sub-total	$ 4,815,864	$ 1,433,019	$ 6,248,883	$ 305,751	$ 80,535	$ 200,000	$ 35,000	$ 621,286	$ 6,870,169	10.0%
ORGANIZED RESEARCH										
1. Agr. Experiment Station	$ 1,047,865	$ 442,375*	$ 1,490,240	$ 71,872	$ 10,000		($ 200,000 State) ($ 102,000 Federal)	$ 383,872	$ 1,874,112	25.7%
2. Engr. Experiment Station	105,042	21,203	126,245	6,303			25,000	31,303	157,548	24.8
3. Industrial Science Res. Inst.	109,622	7,378	117,000	6,577	2,000		20,000	28,577	145,577	24.4
4. Veterinary Research Institute	116,912	53,088	170,000	7,015	10,000		6,500	23,515	193,515	20.1
5. Inst. for Atomic Research	39,440	43,560	83,000	2,366				2,366	85,366	2.8
6. Statistical Laboratory	30,981	3,019	34,000	1,859				1,859	35,859	5.5
Sub-total	$ 1,449,862	$ 570,623	$ 2,020,485	$ 95,992	$ 22,000		$ 353,500	$ 471,492	$ 2,491,977	23.4%

EXTENSION SERVICES										
1. Agriculture & Home Ec.	$ 1,521,797	$ 216,549*	$ 1,738,346	$ 94,308	$ 5,000	.....	($ 32,000 State) ($ 189,000 Federal)	$ 320,308	$ 2,058,654	18.7%
2. Engineering	64,550	23,552	88,102	3,873	.....	.....	12,000	15,873	103,975	18.0%
Sub-total	$ 1,586,347	$ 240,101	$ 1,826,448	$ 98,181	$ 5,000	.....	$ 233,000	$ 336,181	$ 2,162,629	18.4%
CONTINGENT FUND	.....	$ 45,662	$ 45,662	.....	.....	.....	$ 54,338†	$ 54,338	$ 100.000	119.0%
Total Budget, General Operations	$ 7,852,073	$ 2,289,405	$10,141,478	$ 499,924	$ 107,535	$ 200,000	($ 621,500) ($ 54,338†)	$ 1,483,297	$11,624,775	14.6%

* Includes hourly labor, Agr. Div., $50,000; Agr. Exp. Sta., $150,000; Agr. Ext., $50,000; Phys. Plant, $230,000 (approx.)
† Contingent Fund should be increased to $100,000.

EXPLANATION OF ADDITIONAL NEEDS FOR STATE APPROPRIATIONS SALARIES, SUPPORT AND MAINTENANCE 1955-57

ESTIMATED EXPENDITURES IN ADDITION TO THE BASE 1954-55 BUDGET

1. **Merit and competitive salary adjustments.** In order that the College may achieve a competitive position and retain its key personnel, it is of utmost importance that funds be provided for salary increases. The amount of $499,924 estimated for this purpose is based upon 6% of the 1954-55 salary and wage budget. The 6% adjustment is not proposed as a blanket increase, but would be granted in varying amounts. Some staff members would receive no increase; others might receive 3%, 6% or 10%.

2. **Necessary current expense increases.** Several of the divisions of the College have been hampered by insufficient current expense funds. All departments have suffered from the gradual increase in the cost of the supplies needed for the maintenance and operation of laboratories and facilities; therefore additional funds, estimated at $107,535, are needed to maintain the present level of College operations. The distribution of this increase is shown on the "Detail of Proposed Budgets".

3. **Costs of increased enrollment.** At the request of the President, the divisional deans submitted their estimates of needs to meet the problem of increased enrollment in the next biennium. The total of the estimates submitted by the deans, together with some additional costs for Library, Administration, General Expense and Physical Plant, was $324,700. After a careful review, this figure has been reduced to $200,000 which was computed as follows: The actual instructional expense for 1953-54 was approximately $554 per student. The instructional budget for 1954-55 is approximately $545. If we assume an average of $550 and conservatively estimate an average enrollment at 300 more students in the next biennium, the addition required for Instruction only would be $165,000. Adding additional expenses of the Library, Administration, General Expense and Physical Plant, this figure would increase to approximately $200,000. If we use the State Auditor's figure of cost per student, $777, and assume an enrollment increase of 300, we would require $233,100. The figure of $200,000 is therefore considered to be a conservative estimate, but if enrollment increases by more than 300 students, this figure will have to be increased.

4. **New and expanded programs.** The amount of $330,500 is estimated as the cost of new and expanded programs which the College should undertake in its three major areas, Instruction, Research and Extension, during the next biennium.

INSTRUCTION ..... $ 35,000

To improve and strengthen the work offered in a few fields, staff additions are needed as follows: In the Home Economics Division, an additional assistant professor in Applied Arts specializing in craft work, and an assistant professor in Child Development; estimated cost, $10,000. In the Science Division, one assistant professor in Psychol-

ogy to devote a portion of time to counseling, and an assistant professor in the biological sciences; estimated cost, $10,000. In the Division of Veterinary Medicine, an expansion of the Diagnostic Laboratory staff consisting of a chemist, an instructor and an x-ray technician, estimated cost, $15,000.

RESEARCH $251,500

The Agricultural Experiment Station

The economic well-being of Iowa is dependent upon a sound stable agriculture. If this is to be maintained the research program on the State's basic agricultural products must be strengthened. Following are some of the important fields of work on which additional research should be initiated:

IN THE LIVESTOCK INDUSTRY

For Studies in:
Rumen Physiology and the Causes and Prevention of Bloat ..... $ 25,000
Determining Methods of Eliminating Dwarfism in Cattle 30,000

IN CROPS AND SOILS

Research on Conservation and Flood Control on Watersheds 20,000
An Expanded Research Program Directed Toward Developing Better Forage Crops 15,000
Development of Outlying Experimental Farms in Expanding Research Program to Include Variations in Soil and Climatic Conditions 30,000
To Expand the Fundamental Research Program in Breeding Corn and Soybeans 20,000

PROCESSING AND MARKETING

For Additional Research Designed to Improve On-Farm and Off-Farm Handling and Storage of Grain ..... $ 20,000
For an Expansion in Studies on the Economics of Agricultural Production 20,000
For Additional Studies in Food Processing, Packaging and Merchandising of Commodities Produced on Iowa Farms 20,000

$200,000

Veterinary Research Institute

For additional personnel needed in the research program on animal diseases ..... $ 6,500

Engineering Experiment Station

Research in engineering constitutes the best investment for a community which produces large quantities of raw materials. Additional funds are needed to initiate or augment research programs designed to provide basic information and technical data essential to Iowa industry.
Research on Fertilizer Manufacture and Oil Extraction 10,000
Additional Research on Structures and Machine Design 10,000
Additional Studies on Thermal Conductivity of Liquids and Heat Transfer 5,000

$ 25,000

Industrial Science Research Institute

For slight expansion of research programs in botany, bacteriology, entomology, plant pathology, chemistry, physics and zoology ..... $ 20,000

TOTAL FOR RESEARCH $251,500

EXTENSION ..... $ 44,000

Agriculture ..... $ 32,000

This includes one additional associate professor in Animal Husbandry and five area workers in Soil Conservation

Engineering 12,000

The value of products manufactured in Iowa during 1950 is reported as approximately equal to the value of agricultural products produced in Iowa during the same year. Much of Iowa industry consists of relatively small enterprises in urgent need of the most recent technical information being developed by research.

It is requested that a small appropriation be made to enable the Engineering Extension Service to initiate more direct service to Iowa industry.

TOTAL FOR EXTENSION ..... $ 44,000

5. **Expansion of Federal programs in agriculture.** Legislation now pending in Congress will provide approximately $102,000 in Federal funds to the Agricultural Experiment Station and $189,000 to the Agricultural Extension Service for expanded programs in agriculture. These programs increase the total budget of the College by $291,000, but will likewise increase the receipt of Federal funds by the same amount, thus no increase in appropriations will be required. These Federal appropriations are for specific purposes and are not available to reduce state appropriations.

6. **Increase Contingent Fund.** It is our considered judgment that the Contingent Fund should be established at not less than $100,000 in order to meet possible emergency situations, to supplement budgets which were under-estimated and to take care of unforeseen needs. In order to bring the Contingent Fund to $100,000, we will require an increase of $54,338.

ESTIMATED INCOME FROM SOURCES OTHER THAN STATE APPROPRIATIONS

1. **Federal funds.** Federal funds as estimated for the 1954-55 budget were $1,305,712. This included the increase of $25,942 which was granted during fiscal year 1953-54. The expanded Federal programs as outlined in paragraph 5 above will increase the present estimate of Federal funds by $291,000, making a total of $1,596,712.

2. **Endowment income.** Endowment income will remain substantially unchanged.

3. **Student fees.** Student fees are estimated on the conservative basis of an average Fall enrollment of 8,400 students each year of the biennium. From experience we know that this will drop to approximately 8,000 students in the Winter Quarter and 7,600 students in the Spring Quarter. The computation takes into effect the present proportion of non-resident students and graduate students, and is based upon the present fee schedule.

4. **Sales and miscellaneous.** Sales and miscellaneous income have been reduced slightly to take into account lower prices for surplus farm products of the Division of Agriculture. An estimated figure of $337,500 was used in the 1954-55 budget, and it has been reduced to $325,000 for the biennium.

5. **Overhead on contracts.** Present income from overhead received on research contracts will exceed somewhat the estimate of $175,000 carried in the current budget; therefore, an estimate of $200,000 has been used. There is some risk in using this figure since possible curtailment of Federal research contract work would result in lower overhead receipts to the College.

THE IOWA STATE COLLEGE REPAIRS, REPLACEMENTS, ALTERATIONS AND EQUIPMENT FOR THE BIENNIUM 1955-57

For Repairs, Replacements, Alterations and Equipment, a sum of $932,500 is requested annually. Of this amount, $350,000 per year is for Equipment.

The 700-acre campus includes more than 50 major buildings and 250 smaller buildings. The College operates a central heating and power plant and an independent water plant, together with the distribution systems for delivering steam, water, gas and electricity to the buildings. In addition, the College owns and operates its own sanitary and storm sewer system and maintains its own streets and drives.

Prudent reason and good business practice insist that sufficient money be provided to keep the buildings and facilities in good repair. It is equally important that many of the structures be remodeled and modernized for increased efficiency and to meet the needs of the present.

A detailed list in support of the request for appropriations for Repairs, Replacements, Alterations and Equipment is as follows:

REPAIRS, REPLACEMENTS AND ALTERATIONS	Total for Biennium
A. UTILITIES	
1. **Power Plant**	
a. Turbine driven boiler feed pump to replace unit installed in 1938	$ 5,500
2. **Electric Distribution System**	
a. Expansion of campus street lighting system to areas not now served	20,000
3. **Gas Distribution System**	
a. Replacement of gas mains and branches now either leaking or too small	20,000
4. **Steam Mains and Tunnels**	
a. Replacement of tunnel piping, low and high pressure steam lines now undersized	40,000
b. Desuperheater and pressure reducing station at power plant for campus steam usage	8,500
c. Rebuilding of section of disintegrated tunnel	5,000
d. Replacement of compressed air lines from Power Plant to Beardshear and to Chemistry, and in north tunnel system	20,000
Sub-total	$ 119,000

B. GENERAL REPAIRS, REPLACEMENTS AND ALTERATIONS TO maintain buildings in good condition, including structural repairs and changes, floors, acoustics, interior and exterior painting, glazing, repairs to equipment, lighting and wiring, plumbing, heating and ventilation and such alterations as are required to meet changing programs and conditions.

1.	Replacement of heating coils and controls, various buildings	35,000
2.	Waterproofing, pointing buildings and roof repairs and replacement where necessary	30,000
3.	Exterior and interior painting of various buildings	75,000
4.	Farm buildings, miscellaneous repairs	20,000
5.	Replacement of transformers and correction of main overloaded wiring conditions in a number of buildings	25,000
6.	Modernizing of lighting and associated wiring in buildings	40,000
7.	Plumbing, heating and ventilation repairs	25,000
8.	Structural repairs and miscellaneous alterations as may be required during next biennium	60,000
9.	Greenhouse repairs	15,000
	Sub-total	$ 325,000

C. SPECIAL PROJECTS

1.	Chemistry Building, replacement of a portion of the laboratory equipment and utility services, and building rehabilitation	250,000
2.	Marston Hall, rehabilitation including remodeling, redecorating, replacement of lighting and floor coverings	45,000
3.	Veterinary Research Farm, sewage plant rehabilitation	11,000
4.	Physical Plant Shops, remodeling of space to increase facilities and efficiency	10,000
5.	Remodeling and rebuilding Horse Barn on campus for ruminant nutrition laboratory	50,000
6.	Renovate and remodel office space for Agricultural Extension Service (Information Service, Staff Services and Home Economics Extension Specialists)	25,000
7.	Remodel Meat Laboratory	10,000
8.	Improve soil testing facilities	15,000
9.	Mechanical Engineering Laboratories, construction 2nd floor in open areas, repair of structural steel roof framing, repair of roof, re-vamp laboratory layouts, new lighting, painting interior and exterior	40,000
10.	Engineering Experiment Station Laboratories, extend second floor in main laboratory complete with development of unit laboratories, new lighting, painting and general repair	30,000
11.	Engineering Annex, remodeling to increase classroom and drafting room space, construct dark room, improve classroom ventilation and 2 new toilet rooms	15,000
12.	Armory—remodeling to accommodate large gatherings such as commencements, convocations, 4H conventions, farm groups and basketball, including floors, acoustics, lighting, toilet and locker rooms, ventilation, bleacher seating, etc.	$ 150,000
	Sub-total	$ 651,000

D. CAMPUS AND GROUNDS

1. Sidewalk repairs and replacements	$ 20,000
2. Hard-surface Pammel Drive from end of present pavement to junction with Sheldon Avenue	30,000
3. Construction of additional parking facilities	20,000
Sub-total	$ 70,000
TOTAL R. R. & A.	$1,165,000

EQUIPMENT

Division of Agriculture	72,000
Division of Engineering	72,000
Division of Home Economics	25,000
Division of Science	80,000
Division of Veterinary Medicine	24,000
Administration and General	50,000
Microscopes	25,000
Library Books	150,000
Agricultural Experiment Station	75,000
Engineering Experiment Station	15,000
Veterinary Research Institute	22,000
Other Research Agencies	15,000
Agriculture and Home Ec. Extension	65,000
Engineering Extension	10,000
Sub-total	$ 700,000
GRAND TOTAL, R. R. A. & E., 2 years	$1,865,000
FOR EACH YEAR OF BIENNIUM	$ 932,500

Some additional R. R. & A. projects requested by the Deans and Directors, but not included in the above list are:

UTILITIES	Total
1. **Power Plant**	
a. Steam generator No. 4, add drum preheater and rebuild economizer for more efficient operation	$ 10,500
b. Boiler blowdown heat exchanger to recover heat now lost	2,500
2. **Electric Distribution System**	
a. Interconnection of electric system with City of Ames and Fort Dodge, Des Moines and Southern Railway for mutual assistance and to reduce standby equipment required	65,000
3. **Steam Mains and Tunnels**	
a. Continuation of program of replacing pipe supports	5,000
b. Enlarge tunnel structure from Power Plant to Y branch	10,000

SPECIAL PROJECTS

1. Chemical Engineering, West, remodeling	15,000
2. Veterinary Buildings, modernize, repair and redecorate	20,000
3. Dairy Industry, remodeling and construction, butter, cheese, and dry milk lab., construction for milk drying lab.	50,000
4. Remodel Curtiss basement to provide research laboratory for studies on artificial insemination with dairy cattle	25,000
5. Pave lots at Dairy Farm	15,000
6. Repair loft of Dairy Maternity building	10,000
7. Insectary modernization, painting, lights, greenhouse, screen room, storeroom	10,000
8. Remodel E wing of Beef Cattle Barn on campus	10,000
9. Enclose southwest court, Physics Hall	25,000

10. Enclose southeast court, Physics Hall	25,000
11. Remodeling Home Economics Hall, expansion of Applied Art, Household Equipment Home Management, Institution Management to areas vacated by moving of Education and Textiles and Clothing; and rearranging of Foods and Nutrition laboratories	50,000

CAMPUS AND GROUNDS

1. Rebuild and extend culvert, Lincoln Way, and Morrill Drive	25,000
2. Hard-surface drive between Library and Service Buildings	20,000

THE IOWA STATE COLLEGE CAPITAL IMPROVEMENTS PROGRAM FOR THE BIENNIUM 1955-57

Iowa State College has acquired through the years an illustrious record of service to Iowa and to our Country. If the College is to maintain this standing of service to the State through research and education and if it is to provide the young citizens of Iowa with the opportunities they deserve, then substantial assistance must be provided to help meet the real and genuine problems in the years ahead. The problems of meeting these needs are twofold: First is the need for meeting the requirements for increased student enrollment, a prospect which faces all institutions of higher education in the near future and the general magnitude of which is even now clearly visible. Enrollment in the grade schools is already increasing tremendously, an increase which will be felt through the high schools and colleges as the high birth rates of the 1940's are projected to the college enrollments of 1960 to 1965.

Second is the need for taking up the lag in normal expansion of facilities due to World War II with the subsequent high construction costs and material shortages. Part of this lag and provisions for the large veteran enrollment were met by temporary buildings constructed by the federal government about 1947. These temporary buildings, never adequate in the first place, were erected on an emergency basis and will certainly be unsuitable for use by 1960.

We face, therefore, the problem of starting to prepare for the onrush of students which appears certain will reach high proportions by 1960 while at the same time providing for reasonably adequate facilities for normal needs.

After careful study of statements of needs presented by the Divisional Deans and Directors the following items have been selected as those deemed essential in meeting the requirements envisaged over the next period of years.

1. Home Economics Addition.*

Estimated cost, Building	$850,000
Equipment	100,000
Total	$950,000

It is essential that additional space be provided for the expanded program of the Division of Home Economics. When the present building was erected in 1926, the division had a total enrollment of 1,056 students.

Enrollment in the fall of 1953 was 1,533. Many activities of the division including classes, laboratories and research are conducted in temporary buildings elsewhere on the campus. In a survey of building facilities provided for Home Economics in a group of the leading institutions in this field, it was found that the building area per undergraduate student at Iowa State College now available is less than one-half that provided by the lowest of the group.

2. Library Addition.*

Building	$875,000
Equipment	100,000
Total	$975,000

The present Library building was constructed in 1925. By 1940 the limit of available storage space for books had been reached, and a metal storage building was constructed. This building has also reached the limit of its capacity. In addition to the need for book stack facilities, additional space has been badly needed for many years for study rooms, classrooms, reading rooms and offices for administrative personnel. The great increase in enrollment in the past twenty years has taxed the present facilities far beyond capacity, and further enrollment increases will make it mandatory that additional space be provided in the form of an addition to the present building.

3. Animal Industries Building.

Building	$1,300,000
Equipment	200,000
Total	$1,500,000

Over eighty per cent of the total cash farm income in Iowa is derived from the sale of livestock and livestock products. When the size and scope of the meat packing and processing industry is added to this total, it indicates the importance of the livestock industry to the State's total economy. It is vitally important to all segments of society that Iowa State College continue an aggressive program in research and education in the various fields of animal sciences. This will require additional facilities in the immediate future.

In previous legislative askings, we have requested a Poultry Industries* building and an Animal Husbandry pavilion. Further studies indicate that these two buildings could well be combined into a single unit. The Animal Industries building would be designed to provide classrooms, research and teaching laboratories, and small animal laboratories for the departments of Animal Husbandry, Dairy Husbandry and Poultry Husbandry. This building would greatly facilitate the concentration of all activities relating to the animal sciences in one area and thus greatly increase the research and teaching programs in all of these fields.

4. Power Plant Additions, consisting of:

   a. Turbo-generator unit complete with condenser, piping, switchgear, foundations and all appurtenances.....$470,000

   b. Steam generator unit complete with stoker, piping, controls, foundations, coal and ash handling facilities and all appurtenances. $375,000

The College operates its own electric and steam generating facilities. As in the public utility field, electric loads of the College plant continue to increase due to the many new developments requiring electric energy. At this stage of the building program, the addition of the buildings planned will require the installation of an additional boiler unit and an electric generator for serving the needs of the central heating system and power generation. Provision for these units was made in planning the power plant expansion some years ago.

Supplemental—Beef Cattle Nutrition Laboratory.....$ 73,500

At the time the Capital Improvement program for Iowa State College was approved by the Board, arrangements had not been completed for the purchase of the site for the Beef Cattle Nutrition Laboratory. This purchase has now been accomplished and the sum of $73,500 was expended from the appropriation for the Beef Cattle Nutrition Laboratory for land, resulting in the curtailment of funds for the building program by that amount.

This action was taken with the full knowledge, understanding and approval of the Budget and Financial Control Committee, and with its informal commitment to provide supplemental funds in the next capital appropriation.

An additional item of $73,500 should therefore be included in the Iowa State College capital program for "Completion of Beef Cattle Nutrition Laboratory, $73,500."

TOTAL TO BE REQUESTED OF 56TH G. A.....$4,343,500

In order to meet the College's additional needs over the next ten years, other capital improvement projects will be required. These major needs are described briefly. In view of the fact that it is impossible to forecast building construction costs, no estimates are included. It should be understood also that changing conditions after 1957 may require rearrangement of the order of need, and that the order shown below is to be considered subject to change as conditions warrant.

5. Chemistry Building Addition.

The Chemistry Department is the largest single department on the campus, and its activities touch practically all fields of teaching and research. The present building was constructed in 1914, and no additional space has been provided except for a two-story frame building provided by the federal government in 1947 which is still being operated to full capacity. Present facilities are extremely overcrowded as to lecture rooms, class rooms, graduate and undergraduate laboratories and staff offices.

6. Engineering Building.

A new Engineering Building is urgently needed to accommodate the large enrollment in this division. In the period immediately preceding World War II, the entering Freshman classes in Engineering totalled approximately 650. The entering Freshman class of 1953 totalled approximately 1,100 students, and it is estimated that by 1960 this will increase to 1,500 students. The new building is proposed to accommodate the departments of Theoretical and Applied Mechanics and Aeronautical Engineering, and to provide additional class rooms, drafting rooms and research laboratory space for other departments of the division. The departments of Theoretical and Applied Mechanics and Aeronautical Engineering are presently housed in buildings constructed

in 1884 and 1898 respectively, and are badly overcrowded. Overflow classes of these departments and of other departments in the Engineering Division are held in temporary frame buildings provided by the federal government in 1947. All of these facilities are inadequate and should be replaced as soon as possible. The present Theoretical and Applied Mechanics building would serve as an Engineering Experiment Station research building until better facilities could be provided for the Station.

7. Buildings for Veterinary Medicine.

Two additional buildings are urgently needed in Veterinary Medicine. One to provide for an expanded research program in the virus diseases which are becoming more and more prevalent in all classes of farm animals. The other is a laboratory for additional research in the parasites, physiology and the effectiveness of various drugs and antibiotics.

8. Auditorium and Field House.

Thousands of Iowa citizens come to the College every year for various meetings and conferences. Existing facilities are totally inadequate to accommodate groups of more than 2,500 people. In addition, there is no place on the campus where the student body, the staff and guests can be accommodated for such things as concerts, lectures, convocations and commencements. Also space for indoor intercollegiate and intramural athletic program is totally inadequate.

There is a genuine need for a multipurpose building seating at least 12,000 people which would enable the institution to provide for these important events so essential to the total educational program.

9. Plant Industries Building.

The Plant Industries building is needed to provide facilities for the departments of Horticulture, Forestry, Genetics and Botany. These related departments are housed in widely separated buildings, each of which is quite inadequate for the work being performed. Concentration of these departments in a single unit would encourage cooperation between these closely related groups, and some duplication of teaching facilities could be avoided. The present Botany building, built in 1892, was once the main agricultural building of the College. It is poorly designed for its present purpose and is considered to be the greatest fire hazard on the Iowa State College campus.

10. Administration Building.

Present administrative offices are located in Beardshear Hall which was designed primarily as a classroom building with wide corridors and stairways to afford use by large groups of students. In order to provide the necessary additional classroom facilities for students in Mathematics, English, Psychology, Languages and History which are now accommodated wherever space can be found, it would be desirable to convert Beardshear Hall back to classroom use and to provide separate facilities for the administrative departments of the College. A new Administration Building would permit more efficient organization of such departments as the Registrar, the Business Offices and the IBM service; and in addition, facilities for the State Auditor's and State Comptroller's staffs and other auditing agencies.

11. Food Processing Laboratory (Addition to Dairy Industry Building).

Increased attention and emphasis on food processing and storage is essential to the marketing and handling of animal and plant products to meet the desires of the consumer and to maintain favorable markets for Iowa products. Facilities should be provided for this important activity of the Division of Agriculture. It is considered advisable to construct this building as an addition to the Dairy Industry building since the work in food processing is closely related to that in Dairy Industry. Present facilities for food processing research are carried on in a temporary building secured from the federal government in about 1948 but not suitable for permanent quarters.

12. Addition to Press Building for Technical Journalism.

This addition is proposed to provide class rooms, laboratories and offices for the Technical Journalism department which is now inadequately housed in Agricultural Annex. Enrollment in journalism has increased 250% since 1940 with no increase in space. Further enrollment increases are anticipated. Increased efficiency and effectiveness will be accomplished by having the teaching staff of the department housed adjacent to the press and publication facilities in the Press Building.

13. Nursery School.*

One of the important activities of the Division of Home Economics is the program in the Department of Child Development which provides specialized training for nursery school teaching and administration. This involves the operation of a Nursery School which is now carried on in a temporary frame building located on the edge of the central parking area. Present facilities and location are entirely inadequate for the important work of the department. Permanent facilities have never been available to this department in its 30 years of existence.

14. Home Management Duplex House.

Six weeks' residence in Home Management with actual experience in certain phases of homemaking is required of all students in Home Economics prior to graduation. In addition, many students from other colleges enroll in this course during summer sessions because it is not given in connection with Home Economics work at other institutions in the state. Present facilities consist of two buildings containing four housing units. These are barely adequate for present enrollment and an additional duplex unit will be needed in the near future.

15. Seed Laboratory.

The Seed Laboratory is a service activity of the College providing facilities for seed analysis and certification for the farmers of Iowa and other parts of the country and for the seed industry. The program has increased more than fourfold in the last few years. The present laboratory is housed on the top floor of Botany Hall in quarters poorly adapted for this use and not readily accessible to the patrons of the service.

16. Service Building Addition.

The Service Building at present provides quarters for the Radio Station, the Statistical Laboratory, the Visual Instruction Service, the

Printing Department and other service units. It is entirely too small, and many of the activities, particularly the Statistical Laboratory and Visual Instruction, have overflowed into temporary buildings with a resulting reduction of efficiency and lack of administrative control. Additional space is badly needed.

17. Agricultural Engineering Addition.

This addition is proposed to provide relief to the present overcrowded laboratories, classrooms, research facilities and offices, and to provide proper storage and housing of equipment used in the teaching program. Much of this equipment is loaned by farm machinery manufacturers at no cost for use in the College's teaching program and must be adequately housed and protected.

18. Music Center.

Iowa State College has always been noted for the high quality of its musical organizations. The Music Department is now housed in an old converted residence, and its rehearsal and teaching work is carried on wherever temporary space can be spared. A building for these activities is needed.

19. Armory Addition.

The program of the Reserve Officers Training Corps has undergone great expansion since the present Armory was built in 1923. The addition of the Air Force unit has required additional class and lecture rooms which have been made available at the expense of other departments on the campus. The highly specialized training now being offered by the Armed Services requires that adequate classrooms and laboratories be provided for this activity just as in other technical fields.

*The 51st General Assembly appropriated funds for the erection of ten buildings including those marked by an asterisk above. Due to the scarcity of materials and abnormal conditions in the construction industry, none of the appropriation had been spent up to January, 1947. Prices of construction had advanced greatly by that time, and the 52nd General Assembly supplemented the original appropriation with additional funds. Construction costs continued to climb, however, and the funds provided by the 51st and 52nd General Assemblies were insufficient to complete the original program. The Board of Education reviewed the situation and determined to complete a portion of the program and to defer the balance. The items indicated by the asterisk were in the original program of ten buildings, but were deferred and have never been constructed for the reasons set forth above.

THE IOWA STATE COLLEGE
SUMMARY OF
LEGISLATIVE NEEDS—56TH G. A.
FOR THE BIENNIUM 1955-57

Submitted to State Board of Education, July 8, 1954

SALARIES, SUPPORT AND MAINTENANCE

General College Operation	$5,211,169*	
Organized Research	2,033,611	
Extension Services	1,039,283	
TOTAL S. S. AND M.—Per Year		$8,284,063

REPAIRS, REPLACEMENTS, ALTERATIONS AND EQUIPMENT

R. R. & A.	$ 582,500	
Equipment	350,000	
TOTAL R. R. A. & E.—Per Year		$ 932,500

CAPITAL

Approved by Board 4-10-54	$4,270,000	
Addition, to supplement Beef Cattle Nutrition Lab. project	73,500	
TOTAL CAPITAL—2 Years		$4,343,500

(*Includes expense of Instruction, Library, Junior Dean's Office, Graduate College, Registrar's Office, Physical Plant Operation, General Administration, General Expense and Contingent Fund.)

Iowa State Teachers College

CEDAR FALLS

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

J. W. Maucker, President

for

Biennium 1955-1957

IOWA STATE TEACHERS COLLEGE FINANCIAL NEEDS PRESENTED TO THE BOARD FOR SALARIES, SUPPORT AND MAINTENANCE For the Biennium 1955-57

GENERAL CONSIDERATIONS

Iowa State Teachers College is unique among Iowa colleges and universities in that it is strictly a professional college—a single-purpose institution having for its sole function the education of teachers for "the common schools of Iowa". Hence, its financial needs are determined largely by factors affecting the public schools and the teaching profession—such as the shortage of qualified teachers (especially in the rural and small town elementary schools), legislative requirements governing standards for teacher certification, changing curricula in the public schools, and the general trend throughout the country toward the strengthening and vitalizing of college programs of teacher education.

ENROLLMENT TRENDS

As a professional college it has been directly affected in recent years by the great shortage of trained personnel for the public schools of the state. Enrollment at the college increased greatly in the immediate postwar years, due partially to the return of the G. I.'s, but not solely to that cause. The enrollment in the fall of 1949 was 2,950 students, including approximately 2,350 who were not G. I.'s. The enrollment in the fall of 1952 and again in 1953 approximated 2,250 students including only a small number of G. I.'s. Then in the fall of 1954 it jumped to approximately 2,650 students, compared to the typical fall enrollment in prewar years of approximately 1,800. Thus the college has well over one-third more students now (after the G. I. wave is over) than during the "normal" pre-war years.

Furthermore, those responsible for the administration of the college would be derelict in their duty were they not to point out that the long run outlook is for further growth in the college enrollment. Enrollment may be expected to increase at a moderate rate for the next five or six years and then at a highly accelerated rate, so that, in the late 1950's when the World War II increase in the birth rate affects college enrollments and even to a greater extent in the mid-1960's when the even greater birth rate increase of 1947 and subsequent years hits the college level, we may reasonably expect enrollments considerably in excess of those at the high point of the G. I. period. The most reliable data available point to enrollments at Iowa State Teachers College in the neighborhood of 4,500 students in the early 1970's. Plans in the interim period of approximately 15 years should be based realistically on this picture of the future.

QUALITY OF INSTRUCTION

Even more important from a financial standpoint than increased enrollments are recent efforts to improve the **quality of program** for students planning to be teachers, partially due to legislative enactments

upgrading teacher certification requirements and partially to efforts by the college staff to improve its offerings qualitatively in line with general trends throughout the nation.

By its action in establishing a two-year minimum requirement for elementary teachers, the 51st General Assembly in effect required not only that prospective elementary school teachers secure college training but that that college training include experience in student teaching which is ordinarily the most expensive part of the training of a teacher. It has therefore become incumbent upon Iowa State Teachers College to expand its student teaching facilities to make provision for this additional experience for prospective elementary teachers in accordance with the wishes of the legislature.

The college has taken two major steps to assure higher quality instruction for public school personnel.

(1) A thoroughly revised four-year undergraduate program for both elementary and secondary school teachers has been introduced incorporating a markedly increased block of so-called "general education" (quite similar to what an earlier generation termed "liberal education") required of **all** prospective teachers. In addition, the work in professional education has been reorganized and vitalized, with an increased time allotment for student teaching in the four-year program. Seniors graduated in the spring of 1954 were the first to have followed the so-called "new curriculum" throughout their entire college careers; careful efforts to evaluate this program have lead to the conclusion that it represents a substantial improvement over previous curricula.

(2) In June, 1952, graduate instruction leading to the master's degree was offered for the first time at Iowa State Teachers College. This program had grown slowly, but steadily, as it was hoped it would; by the end of the summer of 1954 the college had awarded 43 master's degrees to students seeking advancement in public school careers. It was hoped that inauguration of this advanced work for mature teachers and school administrators would strengthen the quality of the entire instructional program by bringing into the student body more experienced teachers, by enabling the college to attract and retain higher caliber staff, and by making possible the development of five-year instructional sequences designed to meet specific needs of Iowa public schools. It appears to be doing so. Obviously the offering of graduate instruction increases instructional expense.

SERVICES FOR TEACHERS ON THE JOB

The severe shortage of teachers, especially in the rural and the small elementary schools, affects the college budget in one additional respect. The demand is growing for extension services to carry the skills and ability of staff members into the field to assist teachers on the job and to offer off-campus instruction in localities close to the teachers, particularly in southwest Iowa. In this way even those married teachers with family responsibilities who cannot leave their homes for extended periods of time (and the rural schools are largely staffed by married women at the present time) can secure college instruction close to home to improve their teaching. To meet this demand the college has organized a Division of Field Services to bring together into one coordinated program the Extension Service, Placement Bureau, Radio and

TV Services, Alumni Office and the Recruitment Office. Additional funds are needed so that extension services, which this college has been rendering to the schools of the state for many years, may be expanded in this period when many schools are staffed by teachers with minimum qualifications.

SALARY LEVELS

One other factor enters the picture—instructional salary levels at the college are about 15% lower than corresponding figures at top ranking midwest teachers colleges. Steps should be taken to close this gap in order that Iowa may be able to compete on even terms with neighboring states in securing and retaining competent teachers college instructors. Likewise salaries of non-academic personnel (clerical and building and ground employees) should be increased by at least 10% in order to compete on reasonable terms with much higher hourly rates of pay for similar work in other employment and to place these employees on approximately the same pay scale as corresponding employees at the other state educational institutions.

LEGISLATIVE REQUESTS FOR SALARIES, SUPPORT AND MAINTENANCE

In the light of the foregoing considerations the following report was submitted to the State Board of Education by the President of Iowa State Teachers College under date of July 7, 1954.

I. Basic Assumptions

A. Enrollment—on the basis of 1950 census data for the state of Iowa and our enrollment experience over the last 20 years, we have been estimating (up until very recently) that our enrollment would increase about 5% this fall, rise gradually during the next 7 or 8 years (about 2% per year) and then shoot up rapidly after 1963, as follows:

	Fall enrollment	Average full-time equivalent for 3 quarters of academic year	Enrollment (full-time equivalent) during summer preceding academic year
1953-54	2234	2050	1100
1954-55	2360	2150	1000
1955-56	2400	2250	1200
1956-57	2400	2250	1200
1962-63	2620	2500	1300
1965-66	3130	3000	1500
1969-70	3600	3500	1750

During this spring and early summer, however, we have been receiving applications at a rate which points to a much greater increase this fall—perhaps on the order of 15-20%. We dare not ignore this fact any longer—actually, of course, we are glad to see an upturn in view of the needs of the state for teachers and the ability of the college to absorb an appreciable increase with only modest additions to staff and budget. Although we are not by any means sure enough of our ground to revise drastically the long-range predictions, we have felt compelled to revise our estimates for 1954-55 and the 1955-57 biennium, as follows:

	Fall	Average full-time equiv., 3 qtrs.	Full-time equivalent Summer Session
1954-55	2700	2450	1150 (10 weeks)
1955-56	2800	2550	1200 (8 weeks)
1956-57	3000	2700	1200 (8 weeks)

We will revise long-range predictions after we have had some actual experience with this upsurge in enrollment (if it materializes). If it should turn out that our original estimates were approximately correct and the large increase does not take place this fall, we can readily revise our estimate of financial needs in September, 1954. Appropriation requested would probably not change much, however, since the increased student fees just about offset increased expenditures due to increased enrollment.

B. Income—income from student fees and miscellaneous sources is expected, of course, to increase beyond the estimate for the present year, as follows:

Year	Average Enrollment, Three Quarters	Summer Enrollment	Number Fee Exemption Schlshps.	ESTIMATED INCOME from Student Fees	from Affiliated Schools	from Other Sources	Estimated Total Income
1953-54	2050	1100	680	$151,090	$40,000	$53,900	$245,000
1954-55	2450	1150	750	181,250	39,675	53,000	273,925
1955-56	2550	1200	800	187,050	46,625	53,000	286,675
1956-57	2700	1200	800	200,100	53,975	53,000	307,075

Average income for each year of the 1955-57 biennium is estimated to be $297,000.[1]

The foregoing estimates assume no increase in the present student fee of $40 per quarter ($29 of which is allocated to the general operating fund); if the general student fee were increased, income would be increased by approximately $6,000 for each increase of $1 per quarter in the student fee.[1]

They further assume no increase in the tuition charged at the campus school. If tuition charges were to be increased substantially (following the enactment of enabling legislation), considerably greater income would be anticipated but it might be largely offset by charges for services rendered to the college by the city of Cedar Falls.

C. Curriculum—these estimates assume no substantial change in the college curriculum, other than the continuing adjustment to the "new curriculum" for the bachelor's degree (fully operative for the first time during the year just ended) and gradual development of the graduate program. We assume that during the 1955-57 biennium there will be approximately 100 graduate students enrolled each academic year and 300-350 each summer. Appreciably more staff time is expected to be devoted to research and to direction of thesis work of master's degree candidates.

Enactment by the 1955 legislature of the 4-year requirement for certification of elementary school teachers would have no appreciable effect on our enrollment in the 1955-57 biennium, we assume, but it would be expected to increase enrollment and staff requirements in the following biennium.

[1]At its August, 1954, meeting the State Board of Education did increase the fees at Iowa State Teachers College effective September 1, 1955, by $13.00 per quarter, increasing estimated income by approximately $80,000 so that the average income for each year of the 1955-57 biennium is estimated to be $377,000.

If we were to increase opportunities for pre-professional training (which could be done with exceedingly minor curricular adjustments), we estimate that enrollments (and income from student fees) would be increased by 10% within the biennium, without appreciably increasing requirements for staff, supplies, equipment, physical facilities, etc., beyond what we could finance with the additional income from student fees.

D. Price level—we have assumed a constant price level. If, as the legislative session approaches, a significant degree of inflation or deflation during the biennium seems indicated, appropriate corrections should be made.

II. Financial Experience during the 1953-55 Biennium

Since the Board has recently received a report on these matters, we will not review these budgets in detail; we should be able very shortly to report the actual experience for 1953-54. In any case, it appears now that we should pretty well use up the amount budgeted for 1954-55 (because of the anticipated increase in enrollment) and enter the biennium at a level of operation of about $2,850,000, which is within the ceiling set by the last legislature.

III. Estimate of Fiscal Needs for Each Year of the 1955-57 Biennium

Level A. Present Programs—to finance programs now authorized

a. Projection of 1954-55 budget (which it now appears, contains no more than a reasonable margin against contingencies)	$2,850,000
b. Additional instructors to handle increased enrollment, primarily to staff sophomore classes—estimate a minimum of 5 instructors necessary	24,000
c. Additional supervisors (2) at Hudson (will be largely offset by increased payment by Hudson school district as per student teaching contract)	8,500
d. Development of additional off-campus student teaching facilities to replace Hudson secondary school staff and take care of increased load at elementary level	20,000
e. Salary increases for individuals (on basis of increased experience, training, promotion, special merit) within present salary ranges—1% of salary account	24,000
f. Increase graduate assistant stipend from $750 to $900 per academic year	2,000
g. Additional positions (2) in the library (1 professional, 1 clerical) and increased allowance ($4,000) for books, periodicals, binding, etc., to strengthen library service	11,500
h. Meet increased costs of supplies in Registrar's office and improve statistical service	4,500
i. Additional personnel, supplies, utilities in Bldgs. and Grounds Dept. to care for new building—1 janitor; supplies and utilities, $3,000	5,660
j. Additional personnel and travel expense for extension services to meet increased demands for consultative services to public schools	10,000
Total—Level A	$2,960,160

Level B. Competitive Salaries

a. To bring instructional salaries more nearly in line with those of competing top-level midwestern teachers colleges—based on 5% of academic salary budget (we are now compiling accurate data from other institutions;[2] preliminary inspection leads us to believe that we are still 8-10% behind the top schools but 5% would be a big help)	$ 85,000
b. To bring hourly rates of pay of both skilled and unskilled buildings and grounds employees more nearly in line with wages paid at the State College and University (request 5% increase)	15,500
c. To augment clerical salaries	10,000
Total—Level B	$3,070,660

Level C. Program Expansion—to make possible new programs or major expansion of those now in operation

a. Expanded field services program—TV instruction for teachers, more extension service for teachers in small schools	15,000
b. Development of one additional off-campus student teaching center similar to that at Independence, Iowa	8,000
c. Inauguration of plan for sabbatical leaves for faculty (Limited number eligible for leave to study on 50% of salary after 7 years service)	10,000
d. Development of closed circuit TV to enable us to make kinescopes (greatly reducing travel to Ames) and to utilize TV for instructional purposes on campus—2 staff members plus $9,500 for additional supplies	18,000
e. Introduction of dial telephone service on campus	6,600
Total—Level C	$3,128,260

IV. Estimate of S, S and M Appropriation Necessary to Meet Fiscal Needs, 1955-57 Biennium, (after increased income based on increased student fees has been included).

Level of Operation	To Meet Needs as Defined	Total Budget Required	Appropriation Required	Change in Appropriation as Compared to 1953-55 Biennium	
				Per Cent	Amount
Level A	To carry on present programs with increased enrollment	$2,960,160	$2,583,160	−$ 31,590	−1.2
Level B	To carry on present programs and meet salary competition	$3,070,660	$2,693,660	+$ 78,910	+3.0
Level C	To expand Programs	$3,128,260	$2,751,260	+$136,510	+5.2

To summarize, to finance this program will require an appropriation approximately 5% greater than that of the 1953-55 biennium. The major items of increased expense are the following:

1. $73,160 to provide additional staff to handle increased enrollment.

[2]The data revealed that Iowa State Teachers College is further behind the top schools than we had thought—about 15% instead of 8% to 10%. In 1953-54 we stood exactly at the mid-point in the distribution of average salaries for teaching personnel at teachers colleges in the Midwest states.

2. $15,600 for additional supplies and miscellaneous expenses in such places as the Registrar's office, buildings and grounds department and library to provide increased services resulting from larger enrollment.

3. $146,500 to meet salary competition of other top ranking midwest teachers colleges and of competing employers in local area.

4. $43,000 to expand extension programs, including particularly services through Radio and TV, in order to assist teachers on the job.

These increased expenditures are partially offset by increased income from higher enrollment, increased student fees and miscellaneous sources. It is highly significant that the college is in position to absorb an increase of 25 to 30% in enrollment with an increase of only 5% in appropriation for salary, support and maintenance.

Legislative Requests for Repairs, Replacement, Alterations and Equipment

A detailed list of repairs, replacement and alteration items has been made to assure that existing buildings will be kept in good condition. It totals $174,000—about 19% more than the 1953-55 appropriation of $146,500.

List of Needs for Each Year of the 1953-55 Biennium for Repairs, Replacements and Alterations

1.	Home Economics—improvement of lighting in room No. 314	$ 500
2.	Ventilators to filter rooms, swimming pool	1,200
3.	Auditorium—light bridge	8,000
4.	Incinerator	20,000
5.	Auditorium classrooms—redecoration as part of continuing program	10,000
6.	Clearing of Billman property site	2,000
7.	Library—purchase of stacks	4,000
8.	Museum—improvement in lighting and locking of cases	1,500
9.	Auditorium—addition of fire escape and remodeling of south end of Auditorium stage	30,000
10.	Old Campus School—alterations after high school program is moved out (tentatively thinking of music on top floor and part of the next floor, business education on the ground floor, earth science two classrooms, some general classrooms and a radio-TV arrangement in the gymnasium and adjacent offices)	35,000
11.	Auditorium, old campus school—redecoration	6,000
12.	New Campus School—Improvement of grounds after completion of Unit C (walks, play fields, play courts, etc.)	7,500
13.	Heating equipment, repairs to buildings	20,000
14.	Addition to greenhouse service house	5,000
15.	Biological Preserve—additional development	4,000
16.	Men's tennis courts—repair, resurfacing, refencing, etc.	20,000
17.	Tunnel between administration and library—fill in and wall up	1,500
18.	Home Economics—addition to Home Management House	4,000
19.	Women's Gymnasium—alter basement shower layout	5,400
20.	Women's Gymnasium—replace three gym floors	8,000
21.	Enclosure wall for storage coal	2,250
22.	Gilchrist and Administration—alterations—when move is made into old campus school	5,000
23.	Remove old Health Service and hospital buildings when new Health Service is completed or add to office space in present Health Service if funds for new buildings are not available	5,000

24.	Library—improvement of lighting	4,000
25.	Men's Physical Education—new practice field—chain link fencing	4,336
26.	Alteration of temporary building south of 27th street for storage and receiving room	5,000
27.	Mail room at the Crossroads	2,500
28.	Additional trophy case for Men's Gymnasium	800
29.	Repair handball courts, Men's Gymnasium	1,500
30.	Arts and Industries Building—alteration of S. E. entrance for office space	15,000
31.	Art Department—asbestos tile flooring, $1,700; Venetian blinds, $400	2,100
32.	Auditorium—painting of corridor entrance doors and installation of new panic hardware	500
33.	Tuck pointing of old buildings (Auditorium, Library, Science Building, or Old Campus School—whichever ones are not done in 1954-55)	5,000
34.	Trimming and removal of trees	3,000
35.	Alteration of telephone switchboard for dial service	6,000
36.	Miscellaneous general repairs (account 1001)	40,000
37.	Miscellaneous replacements, and alterations (account 1002)	40,000
38.	Repairs to heating plant (account 1001)	12,000
	Total for Biennium	$347,586
	Request for each year of the Biennium	$174,000

Equipment Needs—1955-57 Biennium

Amount budgeted in 1953-55 Biennium		$122,960	
Minus savings, as follows:			
Teaching Department	$4,000		
Library—special allocation	9,000	−13,000	$109,960
Plus additional needs beyond usual allocations to offices and departments as follows:[1]			
Business Office—bookkeeping machines		$ 3,000	
Public Relations—robotype machine and addressograph attachment		5,000	
Science Dept.—special need for nuclear physics equipment		2,000	
Physical Plant equipment—Auditorium classroom furniture		5,000	
Extension Service—additional car to save mileage costs		2,000	
Physical plant—replace one 29 passenger bus		15,000	
Radio-TV equipment for closed circuit TV		76,768	
			$108,768
Total for the Biennium			$218,728
Request for equipment for each year of the Biennium			$109,364
Total request for RRA&E (Repairs, Replacements, Alterations and Equipment) for each year of the Biennium			$283,364

[1]The two principal items of additional need for equipment are $15,000 for the replacement of a bus and $75,768 for radio-TV equipment for closed circuit TV. The present bus, used for transporting student teachers to and from affiliated student teaching centers at Waterloo and Hudson, has been driven more than 300,000 miles and should be replaced. The closed circuit TV equipment would make it possible for the college to continue to cooperate with WOI-TV at Ames in producing programs for telecast direct to Iowa schools without it being necessary for our college staff members to drive to Ames to put on each program. It would also make it possible for the college to improve the quality of its TV programs and to conduct experiments designed to produce better on-campus instruction.

CAPITAL IMPROVEMENTS

As indicated in the table below, appropriations for capital improvements at the Iowa State Teachers College were relatively meager during the twenty-four year period from 1921-22 to 1944-45. During these years an average of less than $32,000 per year was appropriated for new buildings at the College. In an effort to do something about the accumulated backlog of capital needs at this institution, the General Assembly made sizable appropriations for capital improvements in 1945, 1947 and 1949, totaling $2,504,821.81. Greatly increased costs of construction in the post-war years impeded the effort, however, so that in spite of these recent appropriations much remains to be done in order to replace temporary and obsolete buildings at the college and provide much-needed additional facilities.

IOWA STATE TEACHERS COLLEGE

History of

Appropriations for Capital Improvements

Year	Amount
1921-22	$ 115,000.00
1922-23	115,000.00
1923-24	
1924-25	
1925-26	10,000.00
1926-27	10,000.00
1927-28	
1928-29	
1929-30	80,000.00
1930-31	90,000.00
1931-32	90,000.00
1932-33	90,000.00
1933-34	
1934-35	
1935-36	30,000.00
1936-37	30,000.00
1937-38	50,000.00
1938-39	50,000.00
1939-40	
1940-41	
1941-42	
1942-43	
1943-44	
1944-45	
1945-46	452,500.00
1946-47	452,500.00
1947-48	180,410.90
1948-49	180,410.90
1949-50	619,500.00
1950-51	619,500.00
1951-52	28,500.00
1952-53	28,500.00
1953-54	341,000.00
1954-55	341,000.00
Total for 34-year period	$4,003,821.80
Average annual appropriation during 34-year period	$ 117,759.46

Due to the lag in the development of the physical plant, the Iowa State Teachers College, as a professional college, is now educating teachers with facilities some of which do not compare favorably with the facilities found in high schools throughout the state. Leadership as a professional college cannot be maintained satisfactorily on such a basis.

The appropriations made since the end of World War II have made it possible to construct and equip one new classroom building (the Arts and Industries Building) to undertake extensive additions to the present heating plant and to construct the first unit of the Laboratory School building (the second unit is now under construction—completion date estimated as September 1, 1955). The following additional capital outlay items are most essential:

1. CAMPUS LABORATORY SCHOOL (UNIT C).....$590,000.00

Unit A of the Campus Laboratory School was completed in September, 1953; Unit B is under construction and is expected to be completed in September, 1955. A further appropriation of $590,000 is needed for the completion of the remaining unit of the building, which will house the Physical Education program for the entire school.

Completion of the Campus School is, by all means, the most important single step in the campus development program at the Iowa State Teachers College. The Campus School serves as a center for observation and student teaching, and stands as a demonstration to the people of the state as to what constitutes a good public school with respect both to building and instructional program. This building bears the same general relationship to a teachers college as a general hospital bears to a college of medicine.

2. STUDENT HEALTH SERVICE BUILDING.....$350,000.00

The Student Health Service is now housed in two obsolete frame houses and a very modest hospital building. The facilities are entirely inadequate to serve the student body. This building has been requested since 1940 and is urgently needed.

3. SAFETY EDUCATION—DRIVER TRAINING CLASSROOM AND LABORATORY BUILDING .....$ 50,000.00

The College maintains one of the strongest programs for training of teachers in the field of Safety Education and Driver Training to be found in the midwest. Approximately four-fifths of the teachers offering such instruction in Iowa high schools at the present time have been trained at Iowa State Teachers College. The program is handicapped, however, by lack of adequate classroom and laboratory space designed for this type of instruction. Classes are held in various classrooms all over the campus, and the laboratory building is a temporary structure which serves as garage and, to some extent, as laboratory.

A small structure providing laboratory, classroom and office space will greatly facilitate this important program.

4. HEATING PLANT IMPROVEMENT.....$480,000.00

Substantial improvements were made in the heating plant during the period from 1948 to 1952. At this time the capacity of the plant was substantially increased by the addition of a new boiler, and it was understood that a second project replacing two old, small boilers with one new

one would need to be begun about 1955. The impending growth of the college makes it more important than ever that this basic improvement of the heating plant be carried through to completion.

Brown Engineering Company of Des Moines has studied our load records for the last seven years bringing up to date its earlier report concerning the heating plant and has projected the anticipated load in the future. On the basis of its recommendations we are requesting $480,000 in order to replace two old obsolescent boilers (rated capacity 10,000 pounds per hour each) with one large modern boiler (rated capacity 60,000 pounds per hour) and to replace the coal handling and coal feeding mechanism now in use. The boiler, put into operation in the late 1940's, has recently been converted for firing of natural gas, but it is necessary to maintain coal handling equipment for stand-by purposes since natural gas can be obtained by an institution of our type on the interruptable basis only. New equipment added in the future will, of course, be designed to handle both natural gas and coal. Electric generating equipment is deemed to be adequate for a considerable period in the future; no expansion of these facilities is contemplated at the present time.

SECOND PRIORITY ITEMS

The following building needs were presented to the Board as a second priority listing, the specific recommendations being considered as tentative, pending further development of a long range campus plan:

1. Garage—Receiving Depot—Building and Grounds Storage Unit $195,500

A fleet of five large busses (29- and 37- passenger) is maintained in order to transport student teachers to affiliated schools. Other vehicles include trucks and tractors for maintenance purposes and several automobiles maintained for extension service and instruction in driver-education. The present garage facilities are entirely inadequate so that a good deal of this highly valuable equipment must stand out of doors most of the time.

A receiving and storage unit should be incorporated into this structure so that we can centralize and more adequately control the handling of supplies and building materials used in the routine maintenance of our physical plant. At the present time we have no central receiving point, and supplies of one kind and another are scattered throughout the campus. This does not make for economical administration and it definitely adds to fire hazards and problems of keeping the buildings clean.

2. Music Building $750,000

The large program for the training of music teachers is now housed in several of the oldest buildings on the campus; the principal building used by the music department was built originally as a home for Civil War orphans in 1868. It was not designed as a music building; its acoustical properties and ventilation are poor; it is non-fire resistant and three stories in height so that it is clearly both obsolescent and a fire hazard. Tremendous progress has been made in recent years in the design and construction of music buildings; a modern facility should by all means be constructed at as early a date as possible.

3. New Library Building.....$1,250,000

The present library building erected in 1911 is a substantial four story building which, unfortunately, is not suitable for the housing of a modern college library, particularly with the increased enrollment at present and anticipated in the future. Stack space is entirely inadequate so that the building will have to be added to if a new building is not built. The present building does not lend itself to remodeling or modernization; its principal inadequacy is the fact that the building is so designed that it makes for ineffective use of the staff and generally reduces the effectiveness of the library in facilitating the instructional program.

4. Administration Building $500,000

The administrative offices of the college and all college records are at present located in two of the oldest buildings on the campus—Gilchrist Hall and the Administration Building. Both these are non-fire resistant buildings and they are connected with each other and with two other non-fire resistant buildings, providing a major fire hazard. A major conflagration would paralyze the instructional program and destroy essential records. A new Administration Building should be built and the old buildings should be abandoned in the relatively near future.

5. Addition to Men's Gymnasium.....$500,000

The present gymnasium was built in 1925. At that time the coaches trained by the college for the high schools of the state were required to be skilled in one sport—football. Since 1925, the high school program has developed into a five-sport program—football, basketball, wrestling, track, and baseball. Also a general program of health and physical education for all high school students has been developed and extended downward into the elementary schools.

The entire emphasis in the Department of Physical Education for Men is on training teachers to handle the public school program. The present building is not obsolete; it will continue to be used for many years. The building is simply inadequate to meet the needs of a professional college in the training of teachers of physical education. An addition is necessary which will provide large areas capable of multiple use.

6. Addition to Arts and Industries Building.....$250,000

This building was constructed in 1948 and provides excellent facilities for a modern arts program, but the growth of interest on the part of students in these fields has been such that it is clear that before long it will be necessary to add an addition to this building. The building was so designed originally that such an addition could readily be constructed.

7. Science (or Classroom-Office) Building.....$1,150,000

The program of the Department of Science is now handicapped by the fact that science instruction is scattered among portions of three buildings. Each elementary school teacher must have training in elementary school science. In addition, the general education program for all students includes work in science. The demands on the Science Department will therefore be increased materially during the next few years. Elimination of science classes from the three buildings now used will re-

lease much-needed space for the library, the mathematics department and other classes.

It is difficult to predict the needs of the college many years in advance, hence it has been indicated that it might be desirable to leave science classes in the present buildings and build a general classroom building instead. The principal need as far as expansion is concerned appears to be for general purpose classrooms.

8. Auditorium $1,200,000

The college auditorium seats 1,400. Large sections of classes in the social sciences are held in the auditorium due to the lack of large classrooms. All dramatic productions are produced in the auditorium. Choruses, bands and the symphony orchestra must use the same auditorium for rehearsals and concerts. In this auditorium is located the pipe organ which is used extensively for instructional purposes. The auditorium is totally inadequate to house convocations of the present student body or general meetings on the campus.

The auditorium activities are all essential to the program of teacher education. All these activities simply cannot continue in present facilities. It is estimated that adequate facilities will cost about $1,200,000.

9. Continuation Center $350,000

Most major institutions of higher education in the nation have experienced a rapid growth in the interest of adult groups in short courses and other instructional offerings on campus. Looking ahead it appears that such may be the case with respect to Iowa State Teachers College and hence a rather low priority item for this purpose has been included in the list of long range building needs. This building would be located somewhere on the periphery of the campus and would be expected to provide living accommodations, classrooms, small auditorium and some dining facilities for people coming to the campus for relatively short periods of instruction.

SUMMARY OF CAPITAL IMPROVEMENT NEEDS

First Priority—request included in legislative askings, 56th General Assembly.

1.	Section C of Campus Laboratory Schools—plans prepared by Tinsley, Higgins and Lighter	$ 590,000	
2.	Health Service—Sketches partially prepared by Morgan and Gelatt	350,000	
3.	Safety Education—Driver Training Building	50,000	
4.	Heating Plant Improvements—Replace 2 old boilers and replace coal handling and coal feeding mechanisms	480,000	
	Sub-Total (First Priority)		$1,470,000
	Second Priority—listed tentatively pending further development of long-range campus plan.		
1.	Garage — Receiving Depot — Buildings and Grounds Storage Unit	$ 195,500	
2.	Music Building	750,000	
3.	New Library Building	1,250,000	
4.	Administration Building	500,000	
5.	Addition to Men's Gymnasium	500,000	
6.	Addition to Arts and Industries Building	250,000	
7.	Science (or Classroom-Office) Building	1,150,000	
8.	Auditorium	1,200,000	
9.	Continuation Center	350,000	
	Sub-Total (Second Priority)		$6,145,500
	TOTAL		$7,615,500

IOWA STATE TEACHERS COLLEGE

Summary of Needs
Biennium 1955-57

I.	General Support		
1.	Salaries, Support and Maintenance	$2,751,260	
2.	Repairs, Replacements and Alterations	283.364	
	Total Annual Request		$3,034,624
II.	Capital Improvements		
	First Priority:		
	Campus Laboratory School Building (Unit C)	$ 590,000	
	Student Health Service Building	350,000	
	Safety Education—Driver Training Classroom and Laboratory Building	50,000	
	Heating Plant Improvement	480,000	
	Total for the Biennium	$1,470,000	
	Annual Request		735,000
	Grand Total—Requested Annually		$3,769,624

Iowa Braille and Sight Saving School

VINTON

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

Donald W. Overbeay, Superintendent

for

Biennium, 1955-1957

IOWA BRAILLE AND SIGHT SAVING SCHOOL
BUDGET COMPARISON
Salaries, Support, Maintenance and Miscellaneous

		Budget 1953-1954	Actual 1953-1954	Budget 1954-1955	Askings Annually 1955-1957
	INCOME				
1	Sales (Misc. Cash Receipts)	$ 5,000.00	$ 2,120.63	$ 1,000.00	$ 1,500.00
2	Balances Budgeted			16,373.60	
3	Sub-Total	$ 5,000.00	$ 2,120.63	$ 17,373.60	$ 1,500.00
4	Appropriation	303,200.00	303,200.00	303,200.00	342,157.30
5	Total Income	$ 308,200.00	$ 305,320.63	$ 320,573.60	$ 343,657.30
	EXPENDITURES				
		*	**	**	**
6	Administrative—Salaries	$ 14,150.11	$ 15,392.37	$ 16,863.65	$ 17,454.45
7	Administrative—Gen. Exp.	6,000.00	4,733.21	5,235.00	5,335.00
8	Educational—Salaries	75,976.88	82,621.55	90,185.83	102,547.46
9	Educational—Gen. Exp.	6,125.00	6,042.92	7,600.00	7,600.00
10	Medical—Salaries	8,788.88	8,486.11	10,407.62	11,135.57
11	Medical—General Expense	940.00	764.07	940.00	1,040.00
12	Dietary—Salaries	19,936.45	21,368.19	24,508.70	28,096.25
13	Dietary—General Expense	37,300.00	21,014.78	19,462.50	21,462.50
			†	†	†
14	Heating Plant—Salaries	20,133.88	See B & G	See B & G	See B & G
15	Heating Plant—Gen. Exp.	26,430.00	See B & G	See B & G	See B & G
			**	**	**
16	H. & L.—Salaries	35,924.26	45,222.49	50,318.63	56,169.61
17	H. & L.—Gen. Exp.	3,750.00	2,645.08	6,085.00	6,085.00
18	Buildings & Grounds—Salaries	29,690.29	48,282.08	53,049.88	55,746.46
19	Buildings & Grounds—Gen. Exp.	5,875.00	22,835.36	25,685.00	25,985.00
20	Total Salaries & Gen. Expense	$ 291,020.75	$ 279,408.07	$ 310,341.81	$ 338,657.30
21	Contingencies	5,000.00	193.25	5,000.00	5,000.00
22	Total Budget	$ 296,020.75	$ 279,601.32	$ 315,341.81	$ 343,657.30
23	Balances Budgeted		16,373.60		
24	Unexpended Income		9,345.71		
25	Unallocated Income			14,577.50	

* These figures are on a cash basis.
** These figures include subsistence.
† Heating Plant has been combined with Buildings & Grounds.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

FINANCIAL NEEDS PRESENTED TO THE BOARD

For the Biennium 1955-1957

Vinton, Iowa

Many factors must be taken into consideration in determining needs for **Salaries, Support and Maintenance** from July 1, 1955, to June 30, 1957. These factors are:

1. The **Salaries, Support and Maintenance** Budget for 1954-1955

   Predicting needs for each year of the 1955-1957 biennium is, at best, an educated guess even when the 1954-1955 budget is used as a base. To use the **actual expenditures** for 1953-1954 ($279,601.32) as a base is unrealistic since it does not take into consideration the increased expense of $27,765.41 incorporated into the 1954-1955 budget. The 1954-1955 budget ($315,341.81) was approved in April, 1954. At that time expenditures for 1953-1954 were estimated at $287,576.40. The 1954-1955 budget ($315,341.81) minus 1953-1954 **estimated** expenditures ($287,576.40) equals $27,765.41. **Actual** 1953-1954 expenditures ($279,601.32) plus budgeted increases ($27,765.41) plus unallocated balance ($7,975.08) equals 1954-1955 budget ($315,-341.81).

   To use actual expenditures of $279,601.32 as a base for determining estimated needs for 1955-57 annually **would disregard** a $12,925.36. increase in salaries, $5,455.00 for new personnel, $9,385.05 increase in general expense and $7,975.08 of unallocated monies for 1954-1955 over 1953-1954.

2. Increase in Enrollment—Need for Additional Personnel

   A careful analysis of the seventy-one now on the list of Pre-School children indicates total enrollments of 173 for 1954-1955, 180 for 1955-1956 and 182 for 1956-1957. As of September 20, 1954, 170 are in attendance. At this rate the estimated enrollment of 173 for 1954-1955 will be exceeded.

   The new employees necessary to care for these additional children are—one teacher (gross salary $3,315.00), one houseparent (gross salary $2,015.00) and one dining room maid (gross salary $2,100.00).

   Total Additional Salaries for Additional Personnel.....$7,430.000

3. Salary Increases

   It is becoming more and more difficult to retain experienced teachers and to employ new ones. Nine thousand forty-six dollars and sixty-three cents ($9,046.63) is requested to meet these needs.

   Salaries for non-academic personnel, particularly skilled workmen, must be increased. Nine thousand three hundred thirty-eight dollars and eighty-six cents ($9,338.86) is requested.

   Total Salary Increases Requested.....$18,385.49

4. Anticipated Increase in General Expenses

   More personnel and more students mean additional expense in several areas. We are requesting $100.00 more for Administrative Telephone and Telegraph, $100.00 more for Medical Supplies, $2,000.00

for Dietary Provisions and $300.00 for Buildings and Grounds Utilities. This is a total of $2,500.00.

5. Summary

By referring to Page 1, Budget Comparisons, one can compare the difference between Total Salaries and General Expense (See Line 20) Budget 1954-1955 ($310,341.81) and Askings Annually 1955-1957 ($338,657.30); or the difference between Total Budget 1954-1955 ($315,341.81) and Total Budget Askings Annually 1955-1957 ($343,-657.30). In each instance the total difference is $28,315.49—Salaries ($18,385.49) plus New Positions ($7,430.00) plus General Expense ($2,500.00).

These recommended increases in Salaries, Support and Maintenance Annual Askings will enable us to increase salaries for skilled workmen, establish the beginnings of a salary schedule for teachers and make it possible to employ additional personnel.

It will not provide enough funds to establish the 40-hour week so eagerly sought by many employees or provide a cushion should prices for goods and supplies increase materially in 1955-1957.

INCOME

Line 1. **Sales (Miscellaneous Cash Receipts).** The Iowa Braille and Sight Saving School has only one major source of income—State Appropriations. With a new type of bookkeeping which credits most income to some line of the budget, we can expect a maximum of $1,500.00 from Miscellaneous Cash Receipts.

Line 2. **Balances Budgeted.** With balances reverting to the state treasury, this line no longer has any significance except for the second year of the biennium. If the 1954-1955 budget is adequate, $5,000.00 from Contingencies (Line 21) plus $14,577.50 from Unallocated Income (Line 25) may revert on July 1, 1955. This is a total of $19,577.50.

Line 3. **Sub-Total.** This has been explained above.

Line 4. **Appropriation.** Although the requested appropriation is $342,-157.30, or $37,957.30 more than the annual appropriation made by the 55th General Assembly, such an appropriation will support a budget **only $28,315.49 greater** than the level of operation for 1954-1955.

Line 5. **Total Income.** By comparing the total income in Line 5, Page 1, between the Askings Annually 1955-1957 and the 1954-1955 Budget, one finds the average annual increase is $23,083.70 over the present budgeted income.

EXPENDITURES

A. **Increase in Salaries.**

The increases requested were arrived at by a careful analysis of each employee's salary. They do not represent blanket raises. If granted they will be administered to each individual on the basis of merit, responsibility and need. Eighteen thousand three hundred eighty-five dollars and forty-nine cents ($18,385.49) is needed for salary increases plus $7,430.00 for new positions, or a total of $25,815.49.

B. **Increases in General Expense.**

An anticipated increase in enrollment means additional general expenses in certain areas as follows:

Line 7. Administrative—Telephone and Telegraph.....$ 100.00

Line 11. Medical—Supplies 100.00

Line 13. Dietary—Provisions 2,000.00

Line 19. Buildings and Grounds—Utilities..... 300.00

TOTAL GENERAL EXPENSE INCREASES ANNUALLY....$2,500.00

Line 21. **Contingencies.** It is never possible to exactly predict future expenditures. Five thousand dollars ($5,000.00) is requested to offset unforeseen emergencies and poor budgetary predictions.
CONTINGENCIES $5,000.00

Line 22. **Total Budget.** In order to support an adequate program of education at the Iowa Braille and Sight Saving School for the 1955-1957 biennium, an **annual budget** of $343,657.30 is requested. This is an increase of $28,315.49 over the 1954-1955 budget of $315,341.81. Estimated Sales (Miscellaneous Cash Receipts) will provide $1,500.00 of the 1955-1957 annual budget. We are, therefore, requesting an **annual appropriation** of $342,157.30 for 1955-1957.

IOWA BRAILLE AND SIGHT-SAVING SCHOOL

Estimated Enrollment

1953-1954 to 1956-1957

	1953-1954†		1954-1955		1955-1956		1956-1957	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Kindergarten	8	2	14	4	9	9	11	3
1st Grade	12		9	2	14	4	10	9
2nd Grade	6	9	13	2	10	2	14	4
3rd Grade	6	3	7	9	13	3	10	2
4th Grade	7	8	8	3	7	8	13	3
5th Grade	12	5	8	3	9	3	8	8
6th Grade	10	5	11	5	8	5	8	3
7th Grade	11	6	11	5	10	3	8	5
8th Grade	11	3	10	5	11	4	10	6
9th Grade	7	3	11	3	10	5	9	3
10th Grade	2	8	7	3	10	4	9	4
11th Grade	7	3	2	8	7	3	9	3
12th Grade	1	5	7	3	2	7	7	3
Totals	100	60	118	55	120	60	126	56
	160		173		180		182	

Dormitory Facilities and Estimated Occupancy
1953-1954 to 1956-1957

	Capacity		Estimated Occupancy							
			1953-1954†		1954-1955		1955-1956		1956-1957	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Children's Cottage	19	18	15	11	23	8	23	15	21	16
Boys' Dormitory										
Intermediate	16		13		13		10		14	
Junior	24		25*		23		29		31	
Junior High	24		24**		32		29		26	
Senior High	24		23		27		29		34	
Palmer Hall										
Junior		20		16		15		14		13
Junior High		20		14*		15		12		14
Senior High		20		19*		17		19		13
Totals	107	78	100	60	118	55	120	60	126	56

† 1953-1954 figures are actual.
* One student assigned to each of these dormitories lives at home.
** Two students assigned to this dormitory live at home.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

REPAIRS, REPLACEMENTS AND ALTERATIONS

(Immediate and Future Needs)

1955-1957

IMMEDIATE NEEDS

It takes more than $10,000.00 per year to meet the general recurring needs of a school whose buildings are valued conservatively at well over $1,000,000.00. The result of a continuing inability to "catch up" with needed repairs, replacements and alterations is apparent each biennium when requests for more and more major repairs are made of the legislature. Fifteen thousand dollars ($15,000.00) is the minimum needed **each year** for repairs, replacements and alterations. **This does not include money needed for new equipment.**

1. **General Recurring Needs**.....$30,000.00

   In addition to the $15,000.00 per year for general recurring needs, many major repair items are urgently requested. The following represents the most vital needs for major repairs. Priority should be given to these items in the order listed.

2. **Rewire the Main Building**

   The electric circuits of this building have been overloaded for many years. Since 1949 many new classrooms have been added. Classrooms always place a heavier electric load on an area than does dormitory space.

   The old wire is too small to meet present demands. With need

for additional classrooms becoming more pressing each year, the necessity for completely rewiring the Main Building is obvious.
Estimated Cost $30,000.00

3. **Continue Repairs on the Eaves of the Main Building**

The $20,000.00 appropriated by the 55th General Assembly for this project, although the amount requested, proved insufficient to do the extensive repair work needed. Eaves, cornices, gutters, downspouts, and roof supports must be replaced, repaired or added.
Estimated Cost $35,000.00

4. **Repair and Reinforce Sub-Basement of Main Building**

The inner and outer walls of the Main Building are rapidly deteriorating. Excessive spalling is particularly noticeable on the inner walls of the north wing. A major problem of reinforcing and repairing is obvious.
Estimated Cost $40,000.00

5. **Renovate Assembly**

The assembly needs to be renovated. The seats must be replaced, new drapes purchased, the floor sanded, the walls and ceilings painted.
Minimum Cost ..... $ 5,000.00

Total Estimated Cost for Immediate RR&A Needs, 1955-1957 ..... $140,000.00

Future Needs

1. Replace Hall Floors in Main Building
2. New Plumbing Line and Fixtures in Main Building
3. Tuck-Point and Waterproof Exterior of Main Building
4. Replace Windows and Window Frames of Main Building
5. Remodel Stage in Assembly
6. Fireproof Main Building

All major repair items concern the old Main Building. The center section was erected ninety years ago and will be subject to extensive and expensive repairs for many years to come.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

EQUIPMENT NEEDS

1955-1957

Twenty thousand five hundred dollars ($20,500.00) was appropriated annually by the 55th General Assembly for Repairs, Replacements, Alterations and Equipment. As of July 1, 1954, $10,181.60 had been expended for items of Equipment. There is every reason to believe that as much or more will be needed for 1954-1955.

A minimum of $15,000.00 per year is being requested for General Recurring Needs for Repairs, Replacements and Alterations. Twenty thousand five hundred dollars ($20,500.00) is insufficient for Repairs, Replacements, Alteration and Equipment.

A careful analysis of Equipment Needs for each year of the 1955-1957 biennium indicates a minimum need for $11,250.00, or $22,500.00 for the next two years. Some of the equipment items needed for the next biennium are:

Administrative

1. Check writer
2. Typewriters
3. File cabinets
4. Office chair
5. Station wagon

Total $3,045.00

Educational

1. Playground equipment
2. Classroom furniture
3. Typewriters
4. Dictaphone machine
5. Visual aids and sound equipment
6. Light fixtures
7. Maps, globes, talking books, etc.
8. New looms for Industrial Arts
9. Science laboratory equipment
10. Shop equipment
11. Gym equipment
12. Sewing machines
13. Washing machine and dryer

Total $8,100.00

Medical

1. Sterilizer
2. Furniture
3. Compressor for dentist's office

Total ..... $ 925.00

Dietary

1. New refrigeration equipment for cold storage
2. Large mixer
3. Electric oven for bakery

Total $4,000.00

Heating Plant and Buildings and Grounds

1. Vacuum and water pumps
2. High pressure steam valves
3. Electric motors
4. Hot water tanks
5. Metal lathe
6. Ladders

Total $3,030.00

Housekeeping and Laundry

1. Furniture
2. New tub and dryer
3. Radios, TV sets, dormitory play equipment
4. Sewing machines for dormitories
5. Vacuum cleaner
6. Wall washing equipment

Total $3,400.00

Grand Total Equipment Needs for 1955-1957 ..... $22,500.00

IOWA BRAILLE AND SIGHT SAVING SCHOOL

CAPITAL IMPROVEMENTS

(Immediate and Future Building Needs)

1955-1957

Immediate Needs

One of the immediate and major problems which faces the school is adequate housing for boys in the primary grades—kindergarten, first grade and second grade. The capacity of the dormitory areas now occupied by boys in these grades is thirty-four. Including the boys who are now in the kindergarten, first grade and a few who are in the second grade, we are now housing thirty-one boys in the Children's Cottage. This is three less than capacity and may increase during the current school year. Ordinarily, all second grade boys would be housed in the Children's Cottage.

The Pre-School list is being increased at an unprecedented rate. It seems obvious that present facilities for boys in the primary grades will be crowded beyond capacity by September, 1955.

Visually-handicapped kindergarteners and first graders can be better educated when their classrooms are near their living quarters or in the same building. With the two classrooms in the Children's Cottage being used for kindergarteners, with two first grade classrooms scheduled for September, 1954, and with the prospect of this need for two classrooms for each of the grades continuing for the forseeable future, the following is recommended as the best solution of the problem of dormitory space for boys and classroom facilities for the kindergarten and first grade.

1. **Children's Cottage Additions, Remodeling and Equipment**

   This can be done by adding and equipping one more dormitory area for boys, two first grade classrooms, additional dining room space, and an apartment for another houseparent. This Children's Cottage Addition and Remodeling should be given first priority in considering needs for capital monies.

   Estimated Cost $155,000.00

2. **New Gymnasium and Equipment**

   A New Gymnasium and Equipment have been major needs for many years. The present gymnasium has been condemned by competent architects and engineers as structurally unsound. It is too small for the ever-expanding physical education program which includes remedial physical education, intramural sports, varsity wrestling in addition to general physical training for all students.

   Mr. Ben W. Schaefer, Superintendent, Physical Plant Department, Iowa State College, surveyed our major capital and repairs, replacements and alterations needs on August 15, 1954. He comments as follows: "New Gymnasium and Equipment: A careful inspection of the brickwork of the present gymnasium building has been made. The brickwork is in a bad state of deterioration and there seems to be no way to correct the condition.

"To construct and equip a new gymnasium . . . would, in my opinion, cost approximately $275,000.000 . . . It would be my recommendation further that the whole present gymnasium be razed."

Estimated Cost (including razing old gym) $275,000.00

Total Estimated Cost for Immediate Capital Needs, 1955-1957 ..... $430,000.00

Future Needs

Service Building and Music Hall

The building which houses the carpenter's shop, engineer's shop, the orchestra rehearsal hall, etc., has long been condemned as being unsafe. The laundry building is very old and must soon be replaced. Although there is no relationship between a building which houses shops and a music hall for orchestra and chorus, all could occupy a single well-designed building.

Iowa School for the Deaf

COUNCIL BLUFFS

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

Lloyd E. Berg, Superintendent

for

Biennium 1955-1957

IOWA SCHOOL FOR THE DEAF

PROPOSED LEGISLATIVE ASKINGS

S. S. & M. 1955-57

INTRODUCTION

1. In estimating the budget requirements for the 1955-1957 Biennium, it has been assumed that
   A. Enrollment will remain fairly constant between 325 and 350 students.
   B. Prices for general commodities will not change materially.
2. Increases Requested
   A. Salary increases
      1. Academic staff.....15%
      2. Non-academic staff.....10%

   Requests for salary adjustments are vital due to the continued high wage scale with which our school must compete.
3. No increase has been requested for general operation expense.

IOWA SCHOOL FOR THE DEAF

SALARIES, SUPPORT AND MAINTENANCE

Proposed Budget Each Year 1955-57 Biennium

ESTIMATED EXPENDITURES

A. Base—1954-55 Budget			$554,586.00
B. Additions:			
1. **Salary and wage increases**			
Academic staff	15%	$28,900.00	
Non-academic staff	10%	17,261.00	
Retirement Exp. (State & Federal)		2,539.00	
Total Wage increase			48,700.00
Proposed 1955-57 Annual Budget			$603,286.00

ESTIMATED INCOME

Sales and Collections	$10,000.00	
Out State Tuition	24,000.00	$ 34,000.00
Appropriation Requirement Annually 1955-57		$569,286.00
Appropriation Received Annually 1953-55		502,691.00
Annual Increase over 1953-55		$ 66,595.00

IOWA SCHOOL FOR THE DEAF
Council Bluffs, Iowa

January, 1954, Report of American Annals of the Deaf on teacher salaries in some school for the deaf

STATE	Comparative Position	Mimimun Salary	Comparative Position	Maximum Salary
Michigan	1	$3,535.00	1	$5,231.00
Missouri	13	2,400.00	2	5,200.00
New Mexico	4	3,000.00	3	4,880.00
Indiana	8	2,690.00	4	4,833.00
Illinois	3	3,024.00	5	4,800.00
Georgia	9	2,628.00	6	4,800.00
Ohio	5	2,880.00	7	4,600.00
Maryland	11	2,500.00	8	4,500.00
Connecticut	6	2,750.00	9	4,200.00
Florida	7	2,700.00	10	3,960.00
Colorado	16	1,980.00	11	3,930.00
Minnesota	2	3,150.00	12	3,600.00
Kansas	10	2,600.00	13	3,600.00
Nebraska	14	2,400.00	14	3,600.00
Iowa	12	2,500.00	15	3,425.00*
North Dakota	15	2,358.00	16	3,384.00
Council Bluffs Public Schools		2,700.00		4,850.00

IOWA SCHOOL FOR THE DEAF
BUDGET COMPARISON

SALARIES, SUPPORT AND MAINTENANCE

INCOME	1953-1954 Budget	1953-1954 Estimated Actual	1954-1955 Budget	Proposed Budget each year Biennium 1955-57
Appropriationsc	$ 502,691.00	$ 502,691.00	$ 502,691.00	$ 569,286.00
Sales and Collections	10,000.00	9,500.00	10,000.00	10,000.00
Out State Tuition	24,000.00	19,800.00	27,000.00	24,000.00
Balance Budgeted	.....	.....	14,894.78	.....
Total Income	$ 536,691.00	$ 531,991.00	$ 554,585.78	$ 603,286.00
EXPENDITURES				
Administrative Salary	$ 15,197.18	$ 15,100.00	$ 15,659.70	$ 17,204.22
Administrative Expense	4,635.00	4,200.00	4,835.00	4,860.00
Academic Salary	135,522.54	130,000.00	141,195.85	162,308.77
Academic Expense	10,430.00	9,800.00	10,100.00	10,600.00
Vocational Salary	28,520.16	29,000.00	29,925.15	34,402.04
Vocational Expense	5,225.00	5,200.00	4,725.00	5,525.00
Deaf Blind Salary	31,151.23	30,500.00	32,930.43	37,830.64
Deaf Blind Expense	1,850.00	1,550.00	1,700.00	1,850.00
Medical Serv. Salary	11,328.38	10,550.00	11,927.78	13,111.65
Medical Serv. Expense	1,675.00	1,700.00	1,650.00	1,675.00
Dietary Salary	30,905.78	32,000.00	33,618.38	37,318.09
Dietary Expense	76,550.00	74,000.00	76,100.00	76,550.00
Hsekpg. and Lndry. Salary	73,496.72	75,000.00	77,415.34	85,082.81
Hsekpg. and Lndry. Expense	9,200.00	8,500.00	8,700.00	9,200.00
Bldg. and Grds. Salary	39,382.14	38,500.00	41,390.01	45,505.83
Bldg. and Grds. Expense	45,540.00	41,000.00	40,540.00	45,540.00
TOTAL EXPENDITURES	$ 520,609.13	$ 506,600.00	$ 532,412.64	$ 588,564.05
Contingent Fund	16,081.87	.....	22,173.14	14,721.95
Budget Savings	.....	25,391.00	.....	.....
TOTAL	$ 536,691.00	$ 531,991.00	$ 554,585.78	$ 603,286.00
SUMMARY				
Salary	$ 365,504.13	$ 360,650.00	$ 384,062.64	$ 432,764.05
General Expense	155,105.00	145,950.00	148,350.00	155,800.00
Contingent Fund	16,081.87	25,391.00	22,173.14	14,721.95
	$ 536,691.00	$ 531,991.00	$ 554,585.78	$ 603,286.00

IOWA SCHOOL FOR THE DEAF

Council Bluffs, Iowa

PROPOSED R R A & E ASKINGS FOR BIENNIUM 1955-1957
SUMMARY

EQUIPMENT

1.	Administrative Dept.	$ 2,500.00	
2.	Academic Dept.	11,000.00	
3.	Vocational Dept.	13,400.00	
4.	Deaf Blind Dept.	500.00	
5.	Dietary Dept.	2,000.00	
6.	Household Dept.	4,000.00	
7.	Laundry	3,000.00	
	TOTAL EQUIPMENT		$36,400.00

REPAIRS

8.	Engineering Dept	10,000.00	
9.	Buildings and Grounds	11,000.00	
10.	General Repairs	10,000.00	
	TOTAL REPAIRS		$31,000.00

ALTERATIONS

11.	Convert basement room into Teen-Age Room for Pupils	5,000.00	
12.	Repairs to Tunnels as recommended by Mr. Ben Schaefer	10,000.00	
13.	TOTAL ALTERATIONS		15,000.00
14.	GRAND TOTAL REQUEST FOR BIENNIUM		$82,400.00
15.	TOTAL REQUEST FOR EACH YEAR OF BIENNIUM		$41,200.00

R R & A NEEDS FOR 1955-1957 BIENNIUM

EQUIPMENT

1.	Administration		
	a. Office equipment, Checkwriter, Filing cabinets, dictating equipment, adding machine, Inter-Com. system, New telephone equipment		$ 2,500.00
2.	Academic Department		
	a. Upper, Middle & Lower Div. Teachers' desks & Chairs, Pupils' desks and chairs, Charts, maps, globes & books, Instructional film, Additional equipment for ayping	5,000.00	
	b. Audio training equipment and supplies	4,000.00	
	c. Athletic Equipment	2,000.00	11,000.00
3.	Vocational Department		
	a. Bakery		
	New Oven	1,000.00	

b. Woodworking			
Alter exhaust system	$ 500.00		
New Shaper	250.00		
New floor drill press	200.00		
New oscillating sander	200.00		
New Electric drill	50.00	1,200.00	
c. Home Ec. Dept.			
New gas range	250.00		
New zigzag sewing machine	150.00	400.00	
d. Printing Dept.			
New rotary perforator	800.00		
New Intertype	10,000.00	10,800.00	13,400.00
4. Deaf Blind Department			
a. Miscl. Equipment			
Desks, Chairs, etc.		500.00	500.00
5. Dietary Department			
a. Main building kitchen			
New dishwasher	1,000.00		
New potato peeler	500.00		
b. Primary Hall			
Kitchen equipment	500.00	2,000.00	2,000.00
6. Household Department			
a. Main building and Primary Hall Mattresses for teachers rugs for teachers' rooms, beds for boys dormitory, desks for girls dormitory, T-V sets for dormitories, Asphalt tile for boys dormitory		4,000.00	
7. Laundry			
a. New presses, New sleever, New steam and Hand irons			
New tumbler		3,000.00	
TOTAL EQUIPMENT			$36,400.00

REPAIRS

8. Engineering Dept.			
a. Repair work on Murray Corliss Generator			
Repair lining in boilers 1 and 2			
Replace boiler feed pump			
Replace water pipes and return lines to main building. (hot water only)			
New tubes & baffling boiler No. 1		10,000.00	

9.	Buildings and Grounds			
	a. Repair roofs,			
	School Bldg.	$1,500.00		
	Main building	2,000.00		
	Primary Hall	500.00	4,000.00	
	b. School Building			
	Replace old lighting with fluorescent fixtures	1,000.00	1,000.00	
	c. Dwellings			
	Install humidifiers			
	Install temperature controls		500.00	
	d. Recreational Barn			
	Asphalt tile for floors		2,000.00	
	e. Vocational Building			
	Screens for 1st floor		500.00	
	f. Campus			
	Asphalt for tennis court			
	New playground equipment, plant trees			
	Car replacement & general upkeep on busses, trucks and mowers		3,000.00	
			11,000.00	
10.	General repairs		10,000.00	
	TOTAL REPAIRS			$31,000.00
	ALTERATIONS			
11.	TEENAGE ROOM			
	a. Remodel basement room into Teen Age Canteen		5,000.00	
12.	TUNNELS			
	a. Replace tunnel piping, supports, expansions joints and insulation as recommended by Mr. Ben W. Schaefer		10,000.00	
	TOTAL ALTERATIONS			$15,000.00
	GRAND TOTAL R R A & E NEEDS FOR BIENNIUM 1955-57			$82,400.00
	R R A & E NEEDS FOR EACH YEAR			$41,200.00

IOWA SCHOOL FOR THE DEAF
CAPITAL ASKINGS

1.	New Primary School Building Two story building—125 children	$300,000.00
2.	Remodel present Primary unit into dormitory and dining room facilities for 125 children	125,000.00
3.	Power Plant Improvement Increase capacity and modernize	75,000.00
		$500,000.00

EXPLANATION

1 & 2. NEW PRIMARY SCHOOL BUILDING—REMODEL PRESENT PRIMARY UNIT

There is a critical need for additional and improved housing and dining room facilities for our primary children from ages 5 to 8 years of age, as well as to modernize the school room arrangements for them. The school has outgrown its present Primary school and dormitory building where ninety pupils are now housed and taught; while the building was built to take care of about fifty girls and boys.

Class rooms are too small for most effective work and pupils are without adequate and convenient locker, lavatory and bathing facilities. Some very young children have had to be crowded into the main building dormitory for lack of adequate facilities for children of their own age in Primary Hall. This situation is not good from an educational standpoint.

To solve the problem, it is proposed to build a new Primary School building for 125 boys and girls and to remodel the present Primary Hall building into dormitory and dining room facilities. This capital improvement would provide modern and adequate educational housing and dining room facilities for all primary children in the foreseeable future and would make good use of our present Primary Hall unit.

3. Inspection has been made by Mr. Ben Schaefer of Ames and a report containing recommendations for replacement of electrical generating equipment and other equipment which would be installed in the Power Plant, together with piping simplification.

IOWA STATE COLLEGE
Of Agriculture and Mechanic Arts
AMES, IOWA

Physical Plant Department
Ben W. Schaefer, Superintendent

August 20, 1954

Mr. C. E. Geasland, Business Manager
Iowa School for the Deaf
Council Bluffs, Iowa

Re: Power Plant Rehabilitation

Dear Mr. Geasland:

This is to supplement my letter of July 7, 1954, regarding my recommendations for the rehabilitation of your power plant.

The power plant-laundry building was thoroughly checked and the building frame seems to be in good condition except for minor brick cracks and window sash which will have to be replaced. There is a sag in the boiler room half of the roof trusses where they were cut out to install the breeching many years ago; and when it is necessary to replace boilers, a flat roof section can be placed over the boiler room and this condition corrected. The power plant building has been well maintained and is well located for the main school buildings.

Recommendation: It is my recommendation that the present power plant site be retained as the location is central with respect to your school buildings, the building is in good shape, and items necessary to be corrected can be repaired or replaced as maintenance. The equipment can be used at its present location, and, thus, eliminate the high expense of moving to a new location and the extension of tunnels. The cost of moving the laundry equipment to a new location would also be a larger item.

The masonry should be repointed where it is showing distress near the site of the old brick stack. Wood sash can be replaced as maintenance, and the program, which has been started, of replacing wood sash with glass block and ventilator sections can be continued.

The oil storage tanks should be removed to a location across the road to the east and not be immediately adjacent to the power plant building. The gas metering equipment should be moved to a pit or room where the oil storage tanks are now located and vented to prevent explosive mixtures in the boiler room.

Boiler Room Equipment: Two of the boilers are now twenty-nine years of age and the other is twenty-one years of age, and it will be a matter of five or six years before one of the older boilers should be replaced.

Auxiliary equipment such as the feedwater heater, softener and condensate-vacuum pumps are of rather recent vintage and are in good operating shape. Most of the other auxiliary equipment is rather old and will have to be replaced before very long.

Recommendation: Previously, I have recommended that the tubes for one of the older boilers be installed during this summer inasmuch as the tubes are on hand and a warning of their condition has been given by the insurance inspector. A program of replacing the two older boilers should be started in about three years so that one can be ready for service in approximately five or six years from now.

None of the boilers is equipped with feedwater control equipment which makes parallel operation of two boilers extremely difficult. Feedwater regulators should be placed on all of the boilers to permit parallel operation.

Automatic combustion control equipment should be installed on all three boilers to be able to operate them at their maximum efficiency. Such equipment will pay for itself before very long and will be a safeguard in times of emergencies.

At least one but preferably two boiler feed pumps should be installed to replace the old reciprocating boiler feed pump now in use. The units should be of the centrifugal type for efficiency operation.

A domestic-water booster pump should be installed to maintain satisfactory water pressures in the top of the school buildings during times of heavy usage. This unit should be motor operated to start automatically when the water pressure drops below a safe operating pressure.

The hot water generator and storage tank in the basement of the power plant is very old and has been repaired a number of times. This will have to be replaced in the near future and at the time this change is made, a simplification of the piping in this area should be effected.

Steam is distributed to the laundry and other parts of the campus at five different steam pressures. An attempt should be made to reduce the number of pressures required so that less equipment would be needed for this purpose. This should be a part of the piping simplification mentioned in the paragraph above.

For the items above listed, exclusive of boiler replacement, I would recommend that a figure of $35,000.00 be requested.

The present electric generating equipment consists of two engine-generator sets thirty-six years of age or older. It is impossible to parallel these with the utility company and their capacity is not great enough for the demand of the school. Any additional buildings at the school will overtax the capacity of this equipment.

Recommendation: It is my recommendation that a turbine generator of 250 kilowatt capacity be installed to exhaust into the steam heating system. When steam is not required for heating, power should be purchased from the utility company.

With equipment of this type, parallel operation with the utility company may be maintained and when operating by itself your clocks and other equipment could be kept much more nearly correct than could be attained with an engine generator set such as you now have.

For the replacement of this electric generating equipment together with the piping and electrical changes necessary, an appropriation of $75,000.00 should be requested.

Tunnel piping to your various buildings should be given a complete overhaul such as the replacement of some supports which have deteriorated, and the replacement of expansion joints, valves, traps, insulation, etc., which have deteriorated or which should be repaired or replaced. For this work, an appropriation of $10,000.00 should be requested.

In addition to the above items, the wood floor in the shop should be replaced by a concrete floor and to provide additional space, a deck could be placed over the shop floor to provide either a secondary shop or storage space. To do this work most advantageously, it should be done at the same time the piping simplification in the basement of the power plant and replacement of the hot water storage tank are done. Further studies on this should be made; however, I believe that a figure of $10,000.00 for appropriation purposes should be requested.

After these recommendations have been considered, if there is further information that you would like to have, I will be glad to meet with you either here or at Council Bluffs. I wish to thank you and your Mr. Fischer for the cooperation given to me when I was making this check of the needs of your utility system.

Very truly yours,

Ben W. Schaefer, Superintendent

BWS:b
cc Mr. L. E. Berg
Mr. David A. Dancer
Mr. B. H. Platt
Mr. Carl H. Fischer

IOWA SCHOOL FOR THE DEAF
HISTORY OF LEGISLATIVE ASKINGS

	53rd G. A.		54th G. A.		55th G. A.		56th G. A.	
	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57
SUPPORT FUND	$356,500.00	$356,500.00	$415,300.00	$415,300.00	$534,100.00	$534,100.00	$569,286.00	$569,286.00
Deficiency Approp.	35,000.00							
R. R. A. & E. Fund	10,000.00	10,000.00	10,000.00	10,000.00	15,500.00	15,500.00	41,200.00	41,200.00
CAPITAL FUND	100,000.00				427,000.00		500,000.00	
General Repairs (Spec.)		10,000.00						
Emergency Repairs		16,172.10						
DEAF BLIND FUND	7,000.00	10,000.00	15,000.00	15,000.00	18,550.00	18,550.00	included in Support	

IOWA SCHOOL FOR THE DEAF
CAPITAL IMPROVEMENTS ACCOUNT

	53rd G. A.	54th G. A.	55th G. A.	56th G. A.		Total
1. Appropriations	$ 100,000.00		$ 76,000.00			$ 176,000.00
2. Askings				$ 500,000.00		
CONTRACTS COMPLETED OR UNDER CONSTRUCTION						
3. Vocational School Bldg.	$ 33,710.79				$ 33,710.79	
4. Power Plant Improvement	4,450.00				4,450.00	
5. Main Bldg. Elevator	30,115.68				30,115.68	
6. Business Mgr. Dwelling	14,000.00				14,000.00	
7. General Repairs	10,000.00				10,000.00	
8. Apartment Building			$ 52,000.00		52,000.00	
9. Refrigeration System			2,500.00		2,500.00	
10. Kitchen and Bakery Equip.			1,000.00		1,000.00	
11. Campus Equipment			2,500.00		2,500.00	
12. Reline Boiler			2,000.00		2,000.00	
13. Printing Press			12,000.00		12,000.00	
14. Metal Working Equipment			4,000.00		4,000.00	
15. Total	$ 92,276.47		$ 76,000.00			$ 168,276.47
16. Balance Unallocated	$ 7,723.53					$ 7,723.53
17. Credit from refunds			from Dorm Exit (51st)		144.13	
			from Dwelling (52nd)		1,222.78	1,366.91
18. Total unallocated capital in hands of Budget & Financial Control Committee						$ 9,090.44
PROPOSED CAPITAL IMPROVEMENTS (56th General Assembly)						
19. Erect new Primary School Building (Two story building for 125 children)						$ 300,000.00
20. Remodel present Primary unit into Dormitory and Dining Room facilities for 125 children						125,000.00
21. Power Plant Improvement (To increase the capacity and modernize)						75,000.00
						$ 500,000.00

State Sanatorium

OAKDALE

FINANCIAL NEEDS

Presented to

STATE BOARD OF EDUCATION

by

Dr. W. M. Spear, Superintendent

for

Biennium 1955-1957

APPROPRIATION REQUIREMENTS—JULY 1, 1955 TO JUNE 30, 1957
STATE SANATORIUM, OAKDALE, IOWA

	7-1-52 to 6-30-53 Requested 54 G. A.	7-1-52 to 6-30-53 Appropriated 54 G. A.	7-1-53 to 6-30-54 Requested 55 G. A.	7-1-53 to 6-30-54 Appropriated 55 G. A.	7-1-55 to 6-30-57 Requirements Annually 56 G. A.
I. S. S. M. & M.	$ 760,000	$ 760,000	$ 889,494	$ 853,480	$ 926,508
II. R. R. A. & E.	48,000	10,000	48,000	20,500*	93,600
III. Capital Improvements	1,750,507	12,000	2,398,447	224,900	1,221,400

* In addition to $20,500 appropriated for R. R. A. & E. a special biennial appropriation was made of $28,000 for specific items considered capital improvements and included in the $224,900 shown on line III. of column 4.

STATE SANATORIUM
APPROPRIATION REQUIREMENTS
1955-57 ON AN ANNUAL BASIS

	Salaries, Support Maintenance & Miscellaneous	Budget 1953-54	Expenditures 1953-54	Budget 1954-55	Requirements Annually 1955-57
	INCOME				
1	Balance			$ 100,566.60	
2	Sales & Misc. Income	$ 15,600.00	$ 8,125.32	9,000.00	$ 9,000.00
3	Rental from Farm	5,100.00	5,100.00	5,100.00	5,100.00
4	Meals & Lodging—Farm Hands	4,200.00	4,133.88	4,200.00	4,200.00
5	Labor Furnished Farm	3,000.00	1,343.94	1,500.00	1,500.00
6	Reimbsmt.—St. Chg. Cases	72,000.00	98,288.17	90,000.00	90,000.00
7	Sub-Total	$ 99,900.00	$ 116,991.31	$ 210,366.60	$ 109,800.00
8	State Appropriation	853,480.00	853,480.00	853,480.00	926,508.00
9	Total Income	$ 953,380.00	$ 970,471.31	$1,063,846.60	$1,036,308.00
	EXPENDITURES				
10	Administrative—Salaries	$ 39,240.00	$ 43,222.55	$ 50,520.00	$ 55,560.00
11	Administrative—Gen. Exp.	8,242.00	7,323.49	8,280.00	8,280.00
12	Medical Service—Salaries	221,700.00	219,243.81	303,420.00	299,319.00
13	Medical Service—Gen. Exp.	60,000.00	48,333.65	48,000.00	48,000.00
14	Dietary—Salaries	96,960.00	115,311.75	136,560.00	144,540.00
15	Dietary—Gen. Expense	256,668.00	172,554.70	176,145.00	170,400.00
16	H. & L.—Salaries	79,770.00	96,571.53	108,300.00	117,282.00
17	H. & L.—Gen. Expense	18,000.00	6,473.10	3,600.00	6,000.00
18	B. & G.—Salaries	68,400.00	82,074.35	94,560.00	102,927.00
19	B & G—General Expense	96,000.00	78,795.78	91,200.00	84,000.00
20	Total Salaries & General Exp.	$ 944,980.00	$ 869,904.71	$1,020,525.00	$1,036,308.00
21	Unallocated	8,400.00			
22	Total Budget	$ 953,380.00	$ 869,904.71	$1,020,525.00	$1,036,308.00
23	Balance June 30, 1954		$ 100,566.60		
24	Estimated Reversion 6-30-55			43,321.60	
25	Totals	$ 953,380.00	$ 970,471.31	$1,063,846.60	$1,036,308.00

REPAIRS, REPLACEMENTS, ALTERATIONS AND EQUIPMENT

APPROPRIATION REQUIREMENTS 1955-1957 ON AN ANNUAL BASIS

The 55th General Assembly granted an annual appropriation of $20,500.00 for R.R.A. and E. fund. In addition specific items listed under our R.R. and A. requests were grouped and a special Capital Appropriation made for $28,000.00 on a biennial basis.

Prior to July 1, 1953, we spent approximately $30,000.00 yearly for equipment from our S.S.M. and M. fund in addition to $10,000.00 appropriated for R.R. and A. All repairs, except those for which special appropriations were made, were paid for from S.S.M. and M. funds. Discontinuance of the purchase of equipment from S.S.M. and M. funds necessitates a considerable increase in the "E" section of R.R.A. and E. fund. The need for replacement of worn out and obsolete equipment is urgent in most departments of the Sanatorium.

We request that the 56th General Assembly appropriate $36,600.00 each year of the 1955-1957 biennium for purchase of new and replacement equipment and $57,000.00 each year of the biennium for major repairs, replacements and alterations.

It is our judgment that the following items at the estimated cost should be considered in appropriating funds to the R.R.A. and E. fund:

Repairs, Replacements and Alterations	Legislative Needs, '55-'56	Legislative Needs, '56-'57	Total for Biennium
1. Remodeling basement rooms of Medical Admission Wing to provide space for Autopsy room, laboratory research and increased laboratory routine	$ 12,000	$ 12,000	$ 24,000
2. Conversion of cottages, now used by patients, to employee housing	6,000	6,000	12,000
3. Repairs of Sanatorium Roads	3,000	3,000	6,000
4. Repairs to Plumbing, Heating, Electrical and Steam Lines in entire institution	6,000	6,000	12,000
5. Repairs to Power Plant Equipment	6,000	6,000	12,000
6. Painting and Plastering rooms in Hospitals and other buildings	12,000	12,000	24,000
7. Repairing Roofs and Walls to brick buildings	6,000	6,000	12,000
8. Miscellaneous repair needs	6,000	6,000	12,000
9. Total R.R. and A. Requirements	$ 57,000	$ 57,000	$114,000

Equipment—New and Replacement	Legislative Needs, '55-'56	Legislative Needs, '56-'57	Total for Biennium
1. Office Equipment	$ 2,400	$ 2,400	$ 4,800
2. Medical Service Equipment	5,700	5,700	11,400
3. Dietary Equipment	3,600	3,600	7,200
4. Housekeeping Equipment	1,500	1,500	3,000
5. Buildings & Grounds Equipment	2,400	2,400	4,800
6. Hospital Room Furniture	9,000	9,000	18,000
7. Employee Room Furniture	6,000	6,000	12,000
8. General Recurring Needs	6,000	6,000	12,000
Total Equipment Requirements	$ 36,600	$ 36,600	$ 73,200
Add: Line 9 above	57,000	57,000	114,000
Total R.R.A. & E. Requirements	$ 93,600	$ 93,600	$187,200

The following equipment will be needed during the biennium ending June 30, 1957:

Office Equipment—2 calculators, 3 office desks, 15 typewriters. 7 posture stenographers chairs, blue print cabinet and 50 transfer case files.

Medical Service Equipment—dictating equipment for doctor's offices, transcribing equipment for medical library record rooms, 25 utility carts for nursing service, 6 wheel chairs, 4 wheel stretchers and pads, autopsy table, blood plasma centrifuge, 2 laboratory microscopes and surgical instruments.

Dietary Equipment—2 food conveyors, 6 tray trucks, a three compartment kitchen oven, deep fryer, meat saw, meat slicer, butcher block, ice cube maker and can rinser and sterilizer.

Housekeeping Equipment—2 linen markers, 3 floor mopping tanks, 2 floor maintaining machines and a heavy duty vacuum cleaner.

Buildings and Grounds Equipment—4 wheelbarrows, 2 coal trucks, 400 foot 4" fire hose, motor for planer, power lawnmower, small tractor, paint sprayer, air compressor and arc welder complete with accessories.

Hospital Room Furniture—100 hospital beds, 100 bedside stands, 50 arm chairs and 50 straight chairs.

Employee Room Furniture—247 yards of carpeting for Superintendent's Home, 40 beds, mattresses and chairs for Nurses' Homes, 30 beds, mattresses and chairs for other employee housing and 30 metal dressers.

CAPITAL IMPROVEMENTS

1. Building 53—Kitchen, Dining Rooms and Patients' Rooms	$480,000	
Equipment for Kitchen	50,000	
Equipment for Dining Rooms	10,000	
Equipment for Patients Rooms	30,000	
*Remodeling section of Main Hospital Building for connecting link with Building 53	30,000	
Contingencies, Architectural Fees and Clerk of the Works	57,000	
Estimated Cost of Building 53		$657,000

*Remodeling will consist of removing linen and sewing rooms on ground floor, removing staff

offices on first floor, removing rooms for patients on second and third floors of Main Hospital and making them into dishwashing rooms, employee washrooms, service facilities for dining rooms in Building 53 and connecting corridors between Main Hospital and Building 53. It will also cover cost of transforming old kitchen area into maintenance employee dining room, office for director of housekeeping, linen and sewing rooms and renovating staff dining rooms for use as patients' dining rooms.

This building is to be constructed between and connect the Main Hospital Building to Building 52 (Surgical Wing Addition). The ground floor will house the food preparation facilities, dietitian's office and food distribution equipment. The first floor will provide staff dining rooms and services and will include a doctor's office and rooms for three patients. Second floor will house sixteen patients and will provide four beds for employee sick. This floor will also have a doctor's office, washrooms and janitor's closet. The third floor will be used mainly for isolation and violent cases. It will house eighteen beds, cart room and other facilities. This building when completed will provide forty one beds and permit abandonment of some of the old cottages as housing for patients. Most patients will then live in the hospital or in new buildings connected by corridors to the hospital, thus permitting better medical and nursing care, centralized feeding services and providing access to all patient areas without disturbing outpatient service in Building 51, (Auditorium-Clinic.)

II. Building 49—Extension of Service Building	$ 50,000	
Equipment for conference rooms, mail distribution center and ambulance receiving room	5,000	
Architects' Fees, Clerk of the Works and Contingencies	5,000	
Estimated Cost of Building 49		$ 60,000

This two story building will be connected to the Medical Admission Wing and corridor linking Main Hospital Building to Building 51, (Auditorium-Clinic). The ground floor will house a mail room for sorting and distribution of all incoming mail and an ambulance room equipped to permit entrance and exit of ambulances to a dock for loading and unloading stretcher cart patients. The first floor will house consultation and conference rooms to be used for many purposes. They are needed to improve our teaching services to medical students and nursing students from S.U.I. and our services to the out-patient clinic. The conference room will be used for medical staff conferences, visiting nurse associations, administrator groups and various other hospital associated organizations.

III.	Addition to Power Plant Building and Equipment:		
	a. Power Plant Addition—Building		45,000
	b. Power plant Equipment:		
	15,000 pound per hour boiler for either coal or gas	$ 64,500	
	400 KW turbine generator and accessories	24,000	
	400 KW medium speed dual fuel diesel generating unit for oil or gas	71,600	
	Cooling tower for diesel gen. unit	3,100	
	Water treatment equipment	26,500	
	Boiler feed pump	700	
	Stub Stack	3,000	
	Piping	10,000	
	Ash handling equipment	5,400	
	Electrical Work	23,000	
	Natural gas piping, regulators, etc.	8,500	
	Contingencies	28,500	
	Engineering & Clerk of the Works	31,400	
	Total Power Plant Equipment		300,200
	c. Heating System:		
	1,200 ft.—12 inch L.P. Steam main in conduit	38,400	
	Return lines, pressure reducing valve and minor replacements	4,000	
	Contingencies, Engineering and Clerk of the Works	8,900	
	Total for Heating System		51,300
	d. Electrical Distribution:		
	7,500 ft. 6600 volt overhead and underground lines	9,800	
	Distribution Transformers	8,000	
	Conversion of D.C. equipment	7,500	
	Removal and replacement of old lines and materials	5,900	
	Engineering, Clerk of Works and Contingencies	6,700	
	Total Electrical Distribution		37,900
	Estimated Cost of Power Plant Building and Equipment		434,400

The Power Plant is equipped with two 315 H.P. water tube boilers installed in 1928 and one 362 H.P. unit installed in 1938, one Corliss Steam Engine driving a G.E. 100 kw Generator and one Ideal Steam Engine driving a Westinghouse 75 kw Generator. No major improvement has been made in this plant since the boiler installation in 1938. We generate only direct current to supply about 25% of the institution electrical needs. Approximately $1,000.00 is spent each month for electrical energy from the Utility Company. New buildings have been added without increasing capacity of the plant to furnish any of the required

services. Completion of the above outlined project should enable our power plant to furnish all electrical service, steam, water and heat to the entire institution.

IV. Road Construction:

a. One mile of concrete road 20 ft. wide and 6 inches thick	60,000	
b. Excavating and building road bed	4,000	
c. Engineering fees and supervision	6,000	
Estimated Cost of Road Construction		70,000

This proposed project will provide a concrete road from near the south entrance to the Sanatorium to the Main Hospital Building and the connecting roads adjacent to all areas of housing for patients. Except for a small section near the Medical Admission Wing all roads within the institution are now built with cinders. These require continuous maintenance work to make smooth as possible and eliminate some of the dust. Each year we spend approximately $3,000.00 for grading, applying cinders and oiling.

Total Capital Improvement Requests	$1,221,400

V. Future Building Projects

1. Building 56—Rehabilitation Center Wing to Hospital:
   Equipment for classrooms and shops, Architects' Fees, Clerk and Contingencies
2. Extension to Building 52—Patients' Wing Addition:
   Equipment, Room Furniture and Drapes, Architects' Fees and Clerk and Contingencies
3. Greenhouse and Grower's Cottage:
4. Garages—for rental to employees:

SECTION III

Biennial Reports for 1952-1954 of:

State Board of Education, Central Office
State University of Iowa
Iowa State College of Agriculture and Mechanic Arts
Iowa State Teachers College
Iowa Braille and Sight Saving School
Iowa School for the Deaf
State Sanatorium

Central Office
State Board of Education

Des Moines

Biennial Report

Period Ending June 30, 1954

OFFICE OF THE STATE BOARD OF EDUCATION

The per diem, salaries, traveling and miscellaneous expenses of the State Board of Education for the biennial period that ended June 30, 1954, were as follows:

BOARD MEMBERS—PER DIEM AND EXPENSES

	President's Office Expense		1952-1953		1953-1954	
	1952-53	1953-54	Per Diem	Travel Expense	Per Diem	Travel Expense
Mrs. W. D. Archie			$ 790.00	$1,145.59	$ 660.00	$ 425.10
Mrs. Frank G. Brooks					580.00	407.36
Carl L. Fredricksen					380.00	286.17
Harry H. Hagemann			740.00	1,377.89	780.00	688.04
Vincent B. Hamilton			410.00	693.76	800.00	750.31
Mrs. George L. Kyseth			465.00	684.12		
Robert P. Munger			370.00	597.81	100.00	85.11
Richard H. Plock			370.00	648.05	400.00	295.97
Dwight G. Rider	$ 178.45	$ 137.87	465.00	697.83	400.00	252.16
Roy E. Stevens			470.00	748.07	780.00	655.68
W. S. Rupe			490.00	322.11		
Clifford M. Strawman					800.00	659.17
Employees' Retirement (State's share)			182.80		222.15	
	$ 178.45	$ 137.87	$4,752.80	$6,915.23	$5,902.15	$4,505.07

EMPLOYEES' SALARIES AND EXPENSES

	1952-1953		1953-1954	
	Salary	Travel Expense	Salary	Travel Expense
David A. Dancer, secretary of Board and member Finance Committee	$ 6,000.00	$ 209.78	$ 6,500.00	$ 752.96
Carl Gernetzky, Chairman Finance Committee	5,640.00	498.47	5,640.00	163.47
Arthur Weldon Walsh, Member Finance Committee			4,638.00	158.35
Carol Bowers, Field Worker	3,060.00	2,800.28	3,220.00	957.76
Helen M. Lenihan, assistant secretary	3,160.00	40.95	3,280.00	26.35
Ann M. Bruning, bookkeeper	2,520.00		2,680.00	
Ernestine L. Conradi, stenographer	2,213.83		2,250.00	
Inez R. Jolly, stenographer	2,520.00		2,680.00	
Edith A. Rohn, stenographer	2,400.00		2,504.00	
State Car Dispatcher		1,897.64		1,239.71
Employees' Retirement & Social Security (State's share)	945.35*		1,723.99	
	$28,459.18	$ 5,447.12	$35,115.99	$ 3,298.60

* I. O. A. S. I only—
No deductions made for Social Security for 1952-1953, since this was not a part of our appropriation.

AID TO BLIND

The Forty First General Assembly made an appropriation "for the purpose of aiding students who are blind and who are regularly enrolled students taking any course of study, profession, art or science in any university, college, conservatory of music, normal, professional or vocational schools, approved by the State Board of Education, and who are residents of the State of Iowa, and to assist them in defraying their necessary expenses including the expenses of a reader or assistant" with the understanding that the money "Shall be granted only to worthy students who are not able, or whose parents are not able to provide the means for continuing their study in any of the institutions above mentioned."

During the biennium that ended June 30, 1954, scholarship aid was as follows:

Year	No. of Students	Expenditures
1952-1953	4	$992.92
1953-1954	None	None

AID TO DEAF

The 37th General Assembly that convened in January, 1917, enacted a law authorizing school corporations to provide education for deaf children. Section 295.3, Code 1954, reads as follows:

"State board of education to supervise. When any school corporation shall elect to proceed under the provisions of this chapter it shall, through its proper officers, communicate that fact to the state board of education, and the state board of education shall have general supervision of all matters arising under this chapter, and no instructor shall be appointed hereunder and no courses or methods of instruction shall be installed hereunder without the approval of such state board of education."

That section has been in effect continuously since July 1, 1917.

The measure provided that any school corporation that would comply with the provisions of the act should be given state aid for each deaf child between certain ages. A part of section 295.2 of the Code of 1954 is as follows:

"State aid—amount. To any school corporation providing such instruction and complying with all of the provisions of this chapter there shall be granted and paid as hereinafter provided state aid in an amount to be computed at twenty dollars for each month that each child not more than sixteen years of age is instructed under the provisions of this chapter."

The following report contains the names of the cities that maintained day schools for deaf children during the school years 1952-1953 and 1953-1954 respectively, the number of children enrolled in each, and the amount of state aid:

	1952—1953			1953—1954		
	Deaf Pupils Enrolled	Teachers Employed	Amount Paid	Deaf Pupils Enrolled	Teachers Employed	Amount Paid
Sioux City	12	1	$3,268.60*	14	1	$.....**
Davenport	11	2	1,830.00	11	2	2,080.00
Des Moines	11	3	1,785.00	10	3	1,830.00
Cedar Rapids	7	1	1,055.00	1	1	.....**
			($7,938.60)			($3,910.00)
Scholarship Aid			360.80			248.00
Total Aid to Deaf			$8,299.40			$4,158.00

*$1,619.50 of this amount represents the amount due the Sioux City Day School for Deaf Children for the year 1951-1952. This could not be computed in time to include it in that year, hence it had to be carried over into 1952-1953.

**Because of insufficient funds in our appropriation the Sioux City and Cedar Rapids Day Schools for Deaf Children were reimbursed from State Aid Fund 54-295.5.

GENERAL OFFICE SUPPLIES AND EXPENSES

	1952-1953	1953-1954
Official Publications, Recording Fees and Abstract Examinations	$ 16.62	$ 18.86
Bond Premiums and Notary Fee	125.00	187.50
Use of conference rooms at hotel for meetings	114.15	.....
	$ 255.77	$ 206.36

OFFICE EXPENSES PAID BY EXECUTIVE COUNCIL

	1952-1953	1953-1954
Furniture, equipment and supplies purchased	$1,343.39	$1,187.72
Equipment and supplies requisitioned	697.58	522.60
Postage	701.79	699.51
Telephone	1,449.17	1,049.90
Telegraph	18.48	12.92
Express and freight	26.50	21.37
	$4,239.91	$3,494.02

OFFICE EXPENSES PAID BY PRINTING BOARD

Printing, binding and stationery for the biennium that ended June 30, 1954	$6,039.72

SUMMARY OF INCOME AND EXPENDITURES

	1952-1953	1953-1954
INCOME		
State Appropriation	$51,000.00	$54,680.00
Balance forward	7,737.50	.....
Refunds	93.15	38.48
	1952-1953	1953-1954
	$58,830.65	$54,718.48
Less Transfer to Maintenance of Institution Roads	302.73	.....
	$58,527.92	$54,718.48
EXPENDITURES		
Board Members Per Diem and Traveling Expenses	$11,668.03	$10,407.22
Finance Committee and Employees' salaries	28,459.18	35,115.99
Office Travel	5,447.02	3,298.60
Aid to the Blind	992.92	.....
President's Office Expense	178.45	137.87
Aid to the Deaf	8,299.40	4,158.00
General Office Supplies and Expense	255.77	206.36
Automobile Insurance	.....	41.44
Total Expenditures	$55,300.77	$53,365.48
Balance June 30	3,227.15*	1,353.00

*Reverted.

MAINTENANCE OF INSTITUTION ROADS

	1952-1953	1953-1954
Iowa State College, Ames	$12,108.43	$ 5,964.50
Iowa School for the Deaf, Council Bluffs	982.68	10.70
State Sanatorium, Oakdale	727.68	.....
	$13,818.79	$ 5,975.20

SUMMARY OF INCOME AND EXPENDITURES FOR MAINTENANCE OF INSTITUTION ROADS

	1952-1953	1953-1954
INCOME		
State Appropriation	$10,000.00	$ 9,200.00
Balance forward June 30, 1952	3,516.06	
Transferred from General Office Control	302.73	
	$13,818.79	$ 9,200.00
EXPENDITURES	$13,818.79	$ 5,975.20
Balance June 30	None	$ 3,224.80

JOHN F. MURRAY ENDOWMENT FUND

For the Use and Benefit of the State University of Iowa
State Board of Education, Trustee

Note: This endowment fund was created by the will of Bessie Dutton Murray and, according to the terms of the will, was placed under the trusteeship of the State Board of Education. The will also stipulated that a John F. Murray Endowment Fund Committee be named whose duty it would be to recommend the use of the fund for such educational purposes as set forth in the will. A copy of the will of Bessie Dutton Murray is on file in the office of the State Board of Education.

PRINCIPAL ACCOUNT

	1952-53	1953-54	
Brought Forward			$124,651.50
1 share Caterpillar Tractor Company stock, 10.00 par	$ 57.75		$ 57.75
			$124.709.25
Disbursements			
Total Principal Account as of June 30, 1954			$124,709.25

The Principal Account consists of the following securities:

	No. Shares	Estimated Market Value When Received
American Home Products Corporation common (1.00 par)	1725	$ 54,337.50
Caterpillar Tractor Company common ($10.00 par)	41	1,457.75
Chrysler Corporation common ($25.00 par)	20	1,320.00
Electric Bond and Share common ($5.00 par)	1	18.00
General Motors Corporation common ($5.00 par)	40	1,415.00
Kennecott Copper Corporation common (no par)	20	1,015.00
R. H. Macy & Co., Inc. common (no par)	30	930.00
R. H. Macy & Co., Inc., preferred 4¼% (no par)	3	309.75
Montgomery Ward & Company, inc. common (no par)	25	1,350.00
Lake Placid Company, 3% Debenture Income Bond		50.00
Lake Placid Company, Class A, preferred (no par)	½	6.25
United States of America		
2½% Savings Bonds, Series G		57,000.00
5—$1,000 U. S. Treasury Bonds 2½%, dated 2-15-53, due 12-15-58		5,000.00
1—Series K Bond maturing 11-20-65		500.00
		$124,709.25

INCOME ACCOUNT

Brought Forward	$ 8,813.91

RECEIPTS

Dividends and interest on securities were received as follows:

	1952-1953	1953-1954	Total Biennum
American Home Products Corporation	$ 3,450.00	$ 4,485.00	$ 7,935.00
Caterpillar Tractor Company	120.00	111.35	231.35
Chrysler Corporation	120.00	120.00	240.00
Electric Bond and Share	1.54	5.64	7.18
General Motors Corporation	160.00	160.00	320.00
Kennecott Copper Corporation	145.00	95.00	240.00
Lake Placid Co. (3% Debenture)	1.50	1.50	3.00
R. H. Macy & Co. (common)	51.00	48.00	99.00

R. H. Macy & Co. (preferred)	12.76	12.76	25.52
Montgomery Ward & Company	75.00	87.50	162.50
Interest on U. S. Government Securities	1,425.00	1,514.40	2,939.40
Total Recepits, including balance carried fwd.			$21,016.86

DISBURSEMENTS

	1952-1953	1953-1954	Total Bennium
5 scholarshps at $500.00 each	$ 2,500.00	$ 2,500.00	$ 5,000.00
Lecture fees and expenses in connection with lecture fee	1,490.68	1,298.27	2,788.95
Total disbursements	3,990.68	3,798.27	7,788.95
Balance June 30, 1954			$13,227.91

RECAPITULATION

Balance brought forward June 30, 1952	$ 8,813.91
Total Receipts, July 1, 1952 to June 30, 1954	12,202.95
	$21,016.86
Total Disbursements, July 1, 1952 to June 30, 1954	7,788.95
Balance June 30, 1954	$13,227.91

EUDORA F. McGREGOR FUND

(as of June 30, 1954)

For the Use and Benefit of the Iowa Braille and Sight-Saving School, Vinton, Iowa

State Board of Education, Trustee

Note: This fund was created by the will of Eudora F. McGregor, and according to the terms of the will was placed under the trusteeship of the State Board of Education with the provision that the funds be invested in safe securities and that the income therefrom, with the exception of the amount necessary to keep the graves of the testatrix and her family in good condition, be used "toward the musical education of a worthy blind boy who shall have completed with honor all the course provided and furnished by the State in the particular or specific musical subject which said blind boy shall have chosen for his vocation. It being my intention that said fund shall be used as far as possible to enable some worthy blind boy who, but for such bequest, would be unable to pursue his course further than is provided by the State of Iowa, to procure such additional musical education as in the judgment of the Board of Trustees herein created shall be necessary to properly fit him for such vocation.

"The details as to the manner by which the beneficiary of the said fund is to be determined and the method by which the musical education is to be obtained, is to be left to the discretion of my Trustees and their successors and the Superintendent of the College for the Blind or the majority of them."

ENDOWMENT PRINCIPAL

RECEIPTS

Trustees' check No. 1281 (proceeds of sale of business building in Newton, Iowa)	$27,000.00
Balance due as of April 24, 1954, on contract with Aleksandrs and Alide Plate for purchase of the residence at 408 W. 4th St. S., Newton, Iowa	5,061.50
Balance due as of May 4, 1954, on contract with Floyd R. and Emma Robertson for the purchase of the residence at 321 So. 4th Ave. W., Newton, Iowa	5,757.00

Trustees' check for balance on hand at time of Final Report (A copy of this report is on file in the office of the State Board of Education)	685.22
Total Receipts	$38,503.72
DISBURSEMENTS	None

Total Amount of Endowment Principal as of June, 1954 $38,503.72

The following securities have been purchased at a total cost of $26,228.76:

	Maturity Value
U. S. Treasury 2½% bonds due December 15, 1972/67 Nos. 13591A and 628664D at $1,000 each	$ 2,000.00
U. S. Treasury 2½% Bond No. 129001A due December 15, 1972/67	5,000.00
U. S. Treasury 2½% Bonds Nos. 110062B and 332898J at $10,000 each	20,000.00

SUMMARY OF REAL ESTATE CONTRACTS

Name	Balance Due When Acquired	Interest Payments	Payments on Principal	Balance Due 6-30-54
Aleksandrs and Alide Plate	$ 5,061.50	$ 42.73	$ 77.27	$ 4,984.23
Floyd R. and Emma Robertson	5,757.00	24.78	25.22	5,731.78
	$10,818.50	$ 67.51	$ 102.49	$10,716.01

SUMMARY OF ENDOWMENT INCOME

RECEIPTS		
Interest on Plate Contract	$ 42.73	
Interest on Robertson Contract	24.78	
Total Receipts	$ 67.51	
DISBURSEMENTS	None	
Total Endowment Income as of 6-30-54	$ 67.51	

RECAPITULATION OF CASH ACCOUNT

Total Cash received from original Trustees	$27,685.22
Total received on Contracts	170.00
	$27,855.22
Cost of Securities purchased	$26,228.76
Carried as a demand deposit in Iowa-Des Moines National Bank, as of June 30, 1954	1,626.46
	$27,855.22

State University of Iowa

Iowa City

Biennial Report

Period Ending June 30, 1954

State Universtiy of Iowa

Report of Virgil M. Hancher, President

VIRGIL M. HANCHER

The pioneering vision of the First General Assembly of the State of Iowa created the State University of Iowa by an act adopted on February 25, 1847. During the century and five years since, the University's work has touched and benefited every city, village, and home within the boundaries of Iowa.

The University's objectives have been three-fold: to educate in her classrooms, to advance the frontiers of knowledge through research, and to carry the wealth of knowledge from her libraries, her laboratories, and her learned faculty to the people of Iowa.

Consistently, throughout her history, the University has maintained an educational program of the highest integrity as the base for all her activities and the foundation upon which a superstructure of professional, semi-professional, and graduate education has been erected. The University is a member of the Association of American Universities, an association of thirty-seven of the outstanding institutions of higher learning in the United States and Canada.

The University has pioneered in liberal education, for both men and women students, and today ranks with the leaders in the general education movement.

The University's objectives of teaching and research have been carefully integrated to achieve the greatest efficiency in the teaching and learning processes. Balanced living with proper attention to pleasant housing, maintenance of good health, and recreational, religious, and cultural activities has been provided as no less important to a rounded college experience.

From the days when she stood on Iowa's physical wilderness, the State University of Iowa has been on the world's educational frontier. She has pioneered and advanced with her state, and, with justifiable pride, points to her distinguished contributions to the advancement of knowledge and the wellbeing of the State of Iowa.

THE CAMPUS

The University's buildings (approximately 80) dot a 720-acre campus stretching for nearly a mile along the banks of the gently winding Iowa River.

Dominating the scene on the east bank of the river is the Old Capitol, first capitol of the State of Iowa. Its history and architecture symbolize the pioneer spirit of Iowa and her University. Arranged about the Old Capitol in a pentacrest and in nearby blocks are the buildings housing the departments of the College of Liberal Arts and Commerce; to the east are the College of Education, the Iowa Child Welfare Research Station, and the Extension Division, all housed in East Hall; to the north are the Colleges of Law, Dentistry and Pharmacy, the women's dormitories and Iowa Memorial Union; to the south are the College of Engineering, the University library, the new Communications Center, the power and water plant and the maintenance and service buildings.

The distinctive Gothic tower of the University Hospital rises above the west campus. In its immediate vicinity stand the buildings of the Medical Center, including the College of Medicine, the College of Nursing and the State Bacteriological Laboratory, Children's Hospital, Psycopathic Hospital, the new Hospital School for Severely Handicapped Children, and Westlawn Nurses Dormitory. To the northwest stands the new Veterans Administration General Hospital, and to the west and south are the athletic fields and golf course, the Field House and Armory; and on the west bluffs of the Iowa stand the large dormitories for men. On the banks below at the waters edge are the Hydraulic laboratories. To the north along the river's west bank are located the Iowa Center for Continuation Study, the Fine Arts building and the Theatre.

PERMANENT CONSTRUCTION

During the present biennium the first unit of the Iowa School for Severely Handicapped Children has been completed as well as the first unit of the Communications Building which houses journalism.

Alterations to the General Hospital tower have provided the department of Surgery with four new operating rooms, together with the necessary scrub up, sub sterile and anesthesia facilities. There have been alterations of the same general nature at Children's Hospital to improve surgery facilities.

The first phase of a new isolation section in Children's Hospital for handling a larger number of Polio patients is complete, and an addition to General Hospital to house the Pediatrics out patient clinic now in Children's Hospital is under way. The area vacated by the Pediatric out patient clinic will then be remodeled for an admission area thus completing this project and providing an isolation section in Children's Hospital which will house over 100 patients and also provide for rehabilitation of polio and orthopedic patients.

The installation of a new boiler for the power plant, replacing one of the older boilers, is under way. Replacement and improvements to the Utilities distribution system is proceeding as rapidly as possible.

Construction is also under way on Parklawn Apartment Building for married students, Unit 3 of the Memorial Union and on an Office and Classroom Building for the Athletic Department. All of these projects are being financed by other than state appropriations.

Since the end of World War II, two additions have been made to permanent dormitory construction, one at Hillcrest Men's Dormitory increasing the expanded capacity by 173 men and the other at Currier Hall increasing its expanded capacity by 168 girls. Both were additions to the self-supporting dormitory system and were not constructed with tax funds.

Construction on the campus of the University and all recommendations to the State of Iowa for improvements in the physical aspect of its University proceed on the basis of a long-term plan. The plan is designed to integrate and make completely efficient the use of all facilities and floor space. A program for capital improvements, both urgent and long-range, has been included in the University's Legislative Askings for the Biennium 1955-57.

TEMPORARY BUILDINGS

Still very prominent and very necessary to the campus scene are the temporary housing and classroom structures, including temporary barracks and quonset huts nestled in every nook among the permanent buildings and clustered in villages along the river's edge and on the rolling hills of the golf course.

The need which required the construction of these unsightly but utilitarian structures if it was to be met at all has diminished little in the years since the war. They continue to provide 698 housing units for students who remain from the great influx of G. I.'s and other young people who sought higher education immediately following World War II. Included in these temporary accommodations are 648 barracks apartments, and 50 quonset apartments for married students.

The need for married student housing remains and as school opened in September of this year 670 students and staff members are on our waiting list after all units have been assigned. The difficulty in meeting this sustained demand is increased by the fact that the trailer accommodations for married students have rapidly deteriorated and forced the abandonment of the units.

The same influx which overflowed available housing on the campus and in and about the city of Iowa City, made necessary the addition of temporary barracks buildings for classrooms, offices, laboratories, storage and miscellaneous purposes. A survey of the University reveals that 111,697 square feet of temporary space is now in use. This floor space represents an area over one and one-fourth greater than that contained in one of the University's major four-story classroom buildings.

The University has been proud of its ability to meet the demands made of it through temporary measures. The demand, however, has continued beyond expectation, and those temporary structures which were erected during a state of emergency are now in various stages of wear and deterioration which makes any estimate of their future utility a dubious prophecy. All prospects at this point indicate that most, if not all and more, of this temporary space must be provided in permanent construction prior to 1960.

COURSES OF STUDY

The academic affairs of the University are conducted under the direction of the Provost of the University who in the spring of 1950 assumed the powers, duties and functions of the executive deans of the University's Division of Research and Teaching and the Division of Health Sciences and Services. Under the Provost the advantages of the divisional system, which draws together related areas of the University, have been retained. Grouped in the research and teaching area are the Colleges of Commerce, Education, Engineering, Law, Liberal Arts, the Graduate College and the Summer Session. Included in the health sciences and services groups are the Colleges of Medicine, Dentistry, Pharmacy, and Nursing, the University General Hospital, the Children's Hospital, Psychopathic Hospital, the State Bacteriological Laboratory, and the Hospital-School for Severely Handicapped Children.

The University's organization also includes four schools. Of these, three—the Schools of Journalism, Fine Arts, and Social Work—are affiliated with and administered under the College of Liberal Arts. The fourth, the School of Religion, offers work through the College of Liberal Arts, but is related to the University through the President of the University.

A minimum of four academic years of study is required for a baccalaureate degree from the College of Liberal Arts with its affiliated schools, and the same time is required for a bachelor's degree from the Colleges of Commerce and Pharmacy. Engineering requires a minimum

Six years of study, two in pre-professional and four in professional study, are required for a degree from the College of Dentistry. Law requires three and one-half years beyond the three years in liberal arts, while seven years are necessary, three in pre-medical and four in medical study, for the degree of Doctor of Medicine. A four calendar year course in nursing leads to the Bachelor of Science in Nursing and the certificate of Graduate Nurse. A year course for Practical Nurses is offered by the College of Nursing. Graduate work in Nursing is available through the Graduate College and the College of Nursing.

Advanced degrees from the Graduate College are earned under approved programs of study and research with a minimum of one year required for a master's degree and three for the doctorate.

The various courses of study and fields of specialization and the degree conferred upon graduation are as follows:

COMMERCE—Accounting, Economics, Labor and Industrial Management, Marketing, Office Management and Business Education, and General Business majors lead to the degree Bachelor of Science in Commerce.

DENTISTRY—Four-year course, in addition to two years of predental study in the College of Liberal Arts, leading to the degree Doctor of Dental Surgery.

Graduate work leading to the degree of Master of Science, from the Graduate College, is available in the field of Orthodontics, Preventive Dentistry, Roentgenology and Oral Diagnosis, Oral Surgery and Periodontia. A two year course for the training of women in Dental Hygiene is offered.

EDUCATION—Courses for the professional preparation of teachers at the undergraduate level are integrated with the curricula of the Colleges of Liberal Arts and Commerce and lead to degrees in those colleges. Graduate programs for teachers, principals, supervisors, superintendents, directors of student teaching, and research and teaching positions in higher education lead to the M. A. and PH.D. degrees in the Graduate College.

ENGINEERING—Chemical, Civil, Electrical, Mechanical, and Industrial and Management Engineering leading to the degree of Bachelor of Science in the designated curriculum; General and Commercial leading to the degree of Bachelor of Science without designation. In each curriculum certain specialized options may be elected; for example, automotive industrial, aeronautical, hydraulic, sanitary, structural, communication, power, or metallurgical. Considerable emphasis is placed on graduate work leading to the Master of Science and Ph.D. degrees in the branches of Engineering.

LIBERAL ARTS—Actuarial Science, American Civilization, Anthropology, Art, Astronomy, Bacteriology, Biochemistry, Botany, Chemistry, Child Welfare, Chinese Classics, Economics, Education, English, European Literature and Thought, Geography, Geology, German, Greek, History, Home Economics, Hygiene, Journalism, Latin, Library, Education, Mathematics, Medical Technology, Museum Training, Music, Occupational Therapy, Oriental Studies, Philosophy, Physical Education, Physics, Political Science, Psychology, Religion, Romance Languages (French, Spanish, Italian, Portugese), Russian, Social Science, Social Work, Sociology and Anthropology, Speech and Dramatic Art, Speech Pathology, and Zoology leading to the degree Bachelor of Arts, Bachelor of Science, Bachelor of Music and Bachelor of Fine Arts.

Specialized courses in the Departments of Chemistry and the Division of Physical Education lead to the degree Bachelor of Science in the respective fields.

Students who select courses to prepare for dentistry, law, and medicine may study pre-professional subjects in the College of Liberal Arts for the required number of years and then enter the professional college. If all specific requirements for the bachelor's degree are included in the pre-professional program and the first year of professional study is completed successfully, the student may receive a bachelor's degree from the College of Liberal Arts, since the college will give credit for one year of professional work in lieu of the fourth year necessary for a bachelor's degree.

SCHOOL OF FINE ARTS—Combines departments of art, music and dramatic arts. Students enroll in the College of Liberal Arts and may be candidates for one of the degrees of Bachelor of Arts, Bachelor of Music, or Bachelor of Fine Arts.

SCHOOL OF JOURNALISM—Offers study sequences through the College of Liberal Arts in Editorial Journalism, Radio and Television, Journalism, Advertising, Magazine Journalism, Pictorial Journalism, and Public Relations. Awards a Certificate of Journalism on basis of scholarship and concentration in the field.

SCHOOL OF RELIGION—In cooperation with the College of Liberal Arts offers a field of concentration leading to Bachelor of Arts degree.

It is inter-faith in nature and professorships of Catholic, Jewish and Protestant faiths are maintained by the respective groups.

SCHOOL OF SOCIAL WORK—Offers a two-year graduate curriculum as preparation for social work. Some undergradute subjects recommended as preparation for professional training are now being given.

LAW—Three and one-half academic year course, in addition to three years of pre-law study in the College of Liberal Arts, leading to the degree L.L.B. or J.D.

MEDICINE—Four-year course, in addition to three years of premedical study in the College of Liberal Arts, leading to the degree Doctor of Medicine.

The College of Medicine offers postgraduate work leading to advanced degrees in the Graduate College. Special training is also offered in Physical Therapy, Occupational Therapy, and Radiology.

At frequent intervals each year, the College of Medicine also offers post-graduate conferences designed to provide new and refresher information for practitioners in the State of Iowa.

COLLEGE OF NURSING—The college no longer offers the standard three-year program leading to the Certificate Graduate Nurse. The degree Bachelor of Science in Nursing and the Certificate Graduate Nurse are offered at the conclusion of the four calendar year program. Students who have received the certificate of graduate nurse may enroll for additional work leading to the degree Bachelor of Science in Nursing. A special program in Psychiatric Nursing is also being offered.

Work is offered through the Graduate College toward the Master's degree in the area of Nursing Service Administration. A one-year course for Practical Nurses is also offered.

PHARMACY—Four-year course, leading to the degree Bachelor of Science in Pharmacy, including unique training in Hospital Pharmacy.

GRADUATE—Opportunity for study at the graduate level is available in all fields listed above at this time. It is also available in the fields of Child Welfare and Hydraulic Engineering. Such study leads to the degrees Master of Arts, Master of Fine Arts, Master of Science, and Doctor of Philosophy.

CORRESPONDENCE STUDY—Courses at the college level are offered in many of the departments through the Extension Division to students who cannot be in residence but wish to prepare themselves for more effective work in their respective occupations, or who wish to continue work toward degrees while out of residence.

ENROLLMENT

Prior to World War II, the University stood among the fifteen largest colleges and universities in the country in the total number of different students of college grade enrolled annually. Its growth had proceeded apace with the general upward trend of college enrollments. The University's enrollment of 1,542 different campus students of college grade in 1900-01 rose to 9,283 in 1940-41, forty years later.

Then came the overwhelming influx of the veteran students. During the war, in 1943-44, the campus enrollment of college grade went down to a low of 4,891. Just four years later, 1948-49, the enrollment had risen to 13,354. This pattern is comparable to the experience of other large universities.

The enrollments in higher educational institutions fell away sharply beginning in 1950, due to the decline in the World War II veterans' enrollment of about 40% from the post-war peak and because of the Korean conflict. However, the lull was anticipated and enrollments continued to decline gradually until the fall of 1954, when the number of students has again taken an upturn. This increase is expected to continue past the highest immediate post-war peaks and will continue to spiral, reaching the pinnacle in the 1960's and possibly the early 1970's. Our best estimates indicate that we shall have in the neighborhood of 13,000 students on campus of college grade during the year 1965-66 and 15,000-16,000 in 1969-70. Forecasts are based on the best past experience with enrollments as indices and are weighted heavily with the influence of the increased birth rate of the war and post-war years and the recognizable trend toward the enrollment of higher percentages of the population in higher educational pursuits.

Every university has faced the complex problems of providing the education demanded during the post-war years without a sacrifice of the integrity of academic program. Now faced with anticipated record enrollments within a few years, the universities must be concerned with the integrity of the academic program lest it be slighted by attempts at false economy and rendered helpless before the next record wave when it arrives.

The record of enrollment since 1900, by ten-year intervals to 1940 and annually thereafter, is as follows:

Year	Enrollment November 1	June to June On Campus of College Grade	All Types, including Correspondence and excluding Conferences and Short Courses
1900-1901	1,448	1,542	1,542
1910-1911	1,756	2,090	2,090
1920-1921	4,027	5,345	5,345
1930-1931	5,400	8,235	9,901
1940-1941	6,667	9,283	10,820
1941-1942	6,114	8,290	10,373
1942-1943	5,300	7,160	9,706
1943-1944	3,183	4,891	7,957
1944-1945	3,695	5,262	8,492
1945-1946	4,744	8,422	10,374
1946-1947	9,770	11,988	16,908
1947-1948	10,239	12,571	16,109
1948-1949	10,886	13,354	17,542
1949-1950	10,383	13,044	17,506
1950-1951	9,125	11,822	16,784
1951-1952	7,362	10,146	15,510
1952-1953	7,213	9,722	15,303
1953-1954	7,686	10,180	15,254

It is significant to note that the University usually enrolls from 21-23% of the college enrollment in the State of Iowa, and grants about 30% of all the degrees granted by Iowa colleges. This is perhaps the best evidence of the relationship of the University to the total pattern of higher education in the State of Iowa. The University is a partner with the four-year colleges and the junior colleges of Iowa in the field of general education—the processes of training citizens for good citizenship.

Beyond that level the University provides the professional and specialized programs which provide opportunities for further study at an advanced level for the graduates of junior colleges, and four-year colleges as well as for her own students. In so doing, the University is an integral and indispensable part of the total program of higher education in the State of Iowa.

RESEARCH AND SERVICE UNITS

The demand by the people of the State of Iowa on the facilities and the personnel has led through the years to the establishment of several units as follows:

The Extension Division was established by a special appropriation of the General Assembly of Iowa in 1913. It includes the following fields of service: Education service to school officials and boards of education; on-campus conferences for teachers, bankers, nurses, physicians, journalists, etc., at the Iowa Center of Continuation Study; assistance to study clubs, parent-teacher associations, and other organizations in the preparation and content of their programs including speakers; loan service films, film slides and recordings to schools, churches, clubs, organizations and adult groups in Iowa on a great variety of topics, including health and citizenship; cooperates with various departments on campus to sponsor high school contests in debating, public speaking, play production and music; correspondence courses and Saturday classes.

Iowa Child Welfare Research Station was established in 1917 by an act of the state legislature which authorized that it be maintained as an integral part of the University, having as its objects the investigation of the best scientific methods of conserving and developing the normal child, the dissemination of the information acquired by such investigation, and the training of students for work in such fields.

In its work the Station emphasizes research in various aspects of child development, services in accord with the dissemination and interpretation of findings, and the training of students at advanced levels for research, teaching, and dissemination careers in child development. Although different aspects of child development are represented by the variety of special interests of staff members, the breadth and intensity of research and study are facilitated by cooperation with other University departments through mutual research programs, jointly planned courses, and shared services. Children at all age levels are studied in homes, schools and institutions. There are also opportunities for study in connection with parent discussion groups throughout the state.

The Iowa Institute of Hydraulic Research, of world-wide fame, was organized in 1931 as a department of the College of Engineering, the Institute coordinates the staff and laboratory facilities available for

investigations of unusual scope or complexity in the fields of fluid mechanics, hydrology, and hydraulic engineering. An agency is thus provided for conducting applied research in cooperation with governmental bureaus, municipalities, and industrial corporations, as well as fundamental research by staff members and graduate students.

The Hydraulics Laboratory of the Institute, located at the west end of the University Dam, is a five-story structure, 44 feet wide and 164 feet long at the third story, built over two river channels supplied with water from the pond above the dam, together with a one-story laboratory annex, 70 feet wide and 120 feet long. The latest facilities are available for undergraduate and graduate laboratory instruction, graduate experimental theses, hydraulic model studies, and advanced research on the flow of water, air, and other fluids. Space is also provided for such cooperating agencies as the U. S. Geological Survey.

The Bureau of Business and Economic Research represents a reorganization and reactivation of an older agency of the University founded in 1926. It is charged specifically with the rendering of research and service to the business people of Iowa. In furtherance of this objective it publishes monthly the **Iowa Business Digest.** At intervals it issues research studies concerned with such matters as income distribution, manufacturing trends, and state and local finance. The staff also undertakes a variety of service projects. Illustrative are the pilot trading area surveys in various Iowa towns.

The Bureau cooperates with the several departments of the College of Commerce in their activities associated with the Iowa Center for Continuation Study. It has important working relations with such departments outside the college as Geography and Sociology.

The Bureau specifically invites questions involving the gathering and interpretation of economic and business statistics.

The Institute of Public Affairs was established on October 1, 1949. This agency serves as a research and service link between the University and public officials and units of government on the local, county and state levels in Iowa. Through the Institute, related areas of the University and their research facilities are brought in contact with the problems faced by public officials in the state.

An Advisory Board composed of representative public officials and public spirited citizens meets regularly with the Director and aids in the formulation of Institute policy and the selection of worthwhile projects to be undertaken in the interest of improving governmental and administrative techniques. A close cooperative relation exists between the Institute and the League of Iowa Municipalities and similar organizations of public officials.

Publications of the Institute include handbooks for various groups of governmental officials as well as the results of research studies and surveys concerning specific governmental problems. Frequently these publications are prepared by the Institute's full time staff or public affairs interns in cooperation with organized groups of public officials. All such publications are planned to meet the real needs of public officials in Iowa.

Short courses and in-service training for government officers are held on the University campus. These are patterned after the annual

Short Course for Peace Officers which has been conducted on the campus annually for the past fourteen years. University students may arrange to attend the sessions of these courses.

Services to the counties and communities of the state include research in governmental problems, traffic and police science equipment, including a polygraph (lie detector) and alcoholic breath tester.

The Bureau of Labor and Management was established in September, 1950, to meet the need for instruction, research, and service to Iowa labor and industrial management groups.

The Bureau seeks to utilize the existing instructional staff and framework of the Colleges of Commerce, Engineering, and Law and the Departments of Psychology and Sociology in order to expand and coordinate undergraduate and graduate training to prepare students for employment in labor, management, and government positions.

A continuous program of industrial relations research is conducted by the staff members of the Bureau. It also acts as a clearing house of information for questions which involve Iowa Labor and management groups.

The Bureau seeks to promote better understanding of the current and underlying problems of Iowa labor and industry by sponsoring conferences on the State University of Iowa campus at which times state leaders may discuss their problems with nationally prominent industrial relations authorities.

The Iowa Lakeside Laboratory was first established in 1909 under the leadership of Professor Thomas H. MacBride and for many years it was financed largely by a group of interested alumni and friends and later by the Iowa Lakeside Laboratory Association until 1947 when the State Board of Education assumed the responsibility for the operation and management of the Laboratory. The Iowa Lakeside Laboratory, a biological field station, is located in the lake region of northwest Iowa. Its campus is a tract of land, some hundred acres of natural prairie, adjacent to Miller's Bay on the west shore of West Okoboji Lake. The Laboratory is especially designed to provide an opportunity for students of biology, conservation and teachers of those subjects to meet directly the natural conditions of plant and animal life as they exist in the field.

The Iowa Institute of Gerontology, established in January, 1953, coordinates the research and service resources of the University relating to the problems of aging. The Institute serves as an information center in the collection and dissemination of information about the work being carried on in gerontology at the State University of Iowa and elsewhere and encourages further individual and joint research effort.

The Institute sponsors an annual conference on the campus each fall in which many leaders in various Iowa communities participate.

MEDICAL SERVICE UNITS

THE STATE UNIVERSITY OF IOWA HOSPITALS, including the General Hospital and the Children's Hospital, have a total bed capacity of 896 plus 55 bassinets. For the 1952-53 fiscal year, the University Hospitals admitted 19,489 patients; out-patient visits numbered 28,396

and there were 1,569,800 meals served. Patient-days—one patient in the hospital over a 24-hour period—amounted to 269,098. There were 9,700 major and minor operations performed; 1,135 births recorded and 21,867 patients were transported to and from the hospitals by the ambulance system; 151,932 laboratory and radiology examinations; 163,079 prescriptions were filled by the hospital pharmacy.

THE STATE PSYCHOPATHIC HOSPITAL, with a bed capacity of 60, admitted 306 patients during the 1953-54 fiscal year. The patient days numbered 15,231, for an average patient-stay of 51.9 days. The percent of occupancy for the year was 69.5. The out-patient visits to the hospital numbered 2,757.

THE IOWA HOSPITAL SCHOOL FOR SEVERELY HANDICAPPED CHILDREN had an average daily enrollment of 24 from September, 1952, to January, 1953, when the Hospital School moved into its new building. Since that time the average daily enrollment has increased to 35. During the two years from September, 1952, to September, 1954, in addition to classwork, the children were given a total of 8,112 occupational therapy treatment; 7,605 physical therapy treatments, 8,508 speech therapy treatments; 5,790 physical education treatments.

There were 596 visits on an out-patient basis by parents of handicapped children for examination, evaluation, and recommendations. Three hundred and thirty-six University students in special education, occupational and physical therapy, speech, physical education and nursing received part of their practical training in their respective fields for varying periods at the Hospital School. In addition, several hundred students from the fields of child welfare, medicine, nursing and physical education studied and observed the children in their classrooms and therapy activities as part of their assigned work.

THE STATE BACTERIOLOGICAL LABORATORY is a permanent part of the College of Medicine of the University. It is responsible for making bacteriological and chemical examinations of water, and necessary investigations of both laboratory and field work to determine the source of epidemics of disease, and to suggest methods of overcoming and preventing the recurrence of epidemics. This service may be requested by any state institution, school, municipality or by any citizen when in their judgment the investigation is necessary in the interests of the public health. The Laboratory cooperates and works with the State Department of Health in performing bacteriological, serological, and epidemiological examinations.

THE FUTURE

"The objective of a university is the education of young men and women, the advancement of knowledge, and the rendering of those services to society for which it has a peculiar aptitude. Schools, colleges and universities have the duty of developing good, informed and competent citizens, but a special additional duty rests upon a university to provide qualified young men and women with that professional and specialized knowledge which society demands increasingly for its own maintenance and advancement. . .

"The State University of Iowa is the primary center in this state for professional and graduate study in all of the older and many of the newer professions and specialties. . .

"The University and the State College are the primary centers for research and development in the state. . .

"The University, therefore, must deal not only with a rapidly expanding body of knowledge; it must add ot it; and it must then pass that knowledge on to an ever-expanding body of students and through them to the State and society which they serve. . ."

The above is quoted from a report to the Budget and Financial Control Committee of the 55th General Assembly of Iowa in response to its request for a report on the efficiency of the operation of the University. These words were included in the report, along with many others, in order to emphasize once more for the Committee and others the basic functions of the University; to point out once more that the University's work is never static, never performed in a vacuum; and to emphasize again that today, in the coming biennium and during the next two decades, at least, the University's work must embrace and make use of a "rapidly expanding body of knowledge", must add to this knowledge, and must use it effectively in the teaching of "an ever-expanding body of students."

In the years immediately ahead, we shall have to deal at the same time with a vastly expanding body of knowledge and a rapidly increasing number of students. This presents a challenge of exciting, yet troublesome, dimensions. It will be impossible to attend fully to one of these factors and ignore the other, for they work in combination one upon the other. If the University fails to help advance the frontiers of knowledge, it will fail to provide the education which an increasing number of students both demand and need. If the University concentrates solely upon the accommodation of new students, it may well fail to maintain the standards which it has sought to achieve and maintain during its century of existence, and which today are honored throughout the nation. The two things must go hand in hand, and either is meaningless without the other. If they are approached with understanding, wise planning and adequate financial support, the next two decades may be the most satisfying and rewarding in the history of the State of Iowa and its University.

Many people may be deceived by various analogies between the situation which we are facing in the years ahead and the situation we faced under the GI Bill of Rights following World War II. There can be no doubt of the tremendous social (and in the long run, perhaps, financial) benefits which the country will receive from the education of young men and women who have served in the armed forces in World War II. But the problems now facing us are somewhat different. It is quite possible that the enrollment of students in institutions of higher learning in the United States in 1970 will exceed the peak enrollment following World War II. Furthermore, the cost of educating the GI students was obscured by the fact that large sums of money were poured into the support of the University's educational program (and the same was true of other colleges and universities), under the provisions of the GI Bill, and state tax funds did not bear the true proportion of total costs. In the years ahead, veteran students will not be a significant factor. Those who are enrolled will pay the same tuition and fees as non-veteran students. Therefore, state appropriations must bear a far higher proportion of total costs than was the case following World War II.

The situation following World War II was an emergency situation. The war terminated quite suddenly. Large numbers of young men and women whose plans for education and for marriage had been long delayed, were suddenly free to go to educational institutions and to marry. Further, wartime restrictions prevented the construction of capital improvements and the carrying out of other plans to meet the tide of students. It was recognized that the flood would be temporary, and unsatisfactory conditions could be borne for that temporary period.

However, the situation which lies ahead will not be temporary, and there is still time to prepare for it. Furthermore, there will be no disposition to excuse those who have failed to take appropriate steps to meet the need. There will be no reason and little excuse for lower standards of performance, either in teaching or in educational facilities or in housing.

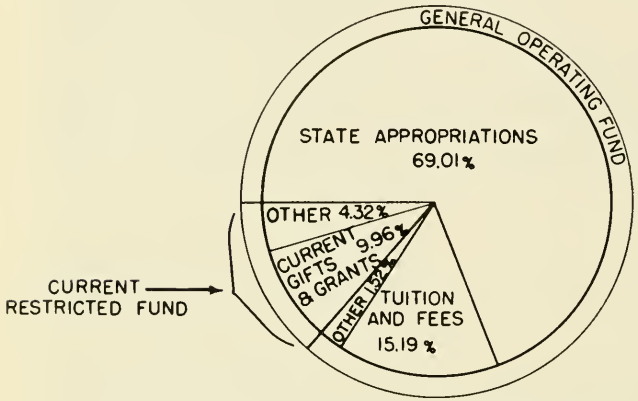
Teachers and space will be our twin problems. The shortage of trained and experienced teachers at the higher educational level may be as difficult a problem to solve as the shortage now existing at the elementary levels. To point out the obvious, the children now overflowing our elementary schools are the same students who, in a few years from now, will be knocking at the doors of the colleges and universities. Competition for teachers will be increased tremendously for the University if it attempts to hold the teachers it now has and to acquire others of equal competence, in order to meet the needs of an expanding student body. Salary schedules with accompanying perquisites and privileges, freedom to teach within the guarantees provided by our Constitution and our traditions, space in which to teach and equipment and tools with which to teach will all be important in recruiting and maintaining a faculty and staff of high quality. Staff may be acquired gradually, provided we now establish the conditions which will make the University attractive to its existing and potential staff.

Space in which to live and to learn will be of great importance. In this respect the time is short. The enrollment increase appears to be one or two years ahead of the time-table projected only a few years ago, and the construction of dormitories, classrooms, offices and laboratories is not to be achieved overnight. Rather, they require months and even years for planning and completion. Planning is of the utmost importance, and the time for planning is now. We should have a continuous and orderly method for adding to the physical facilities of the University in order to meet the demands which will be placed upon it. This cannot be done on a haphazard, catch-as-catch-can basis. While one legislature cannot bind its successors, it is incumbent that an orderly program be instituted in the hope that successive legislatures will follow it.

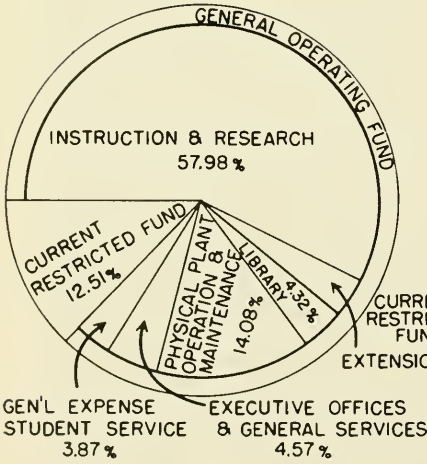
Our responsibility is clear. Neither the State nor the University should fail in meeting its obligations. It is not dealing with buyers to be turned away when the stock of goods is exhausted, or patrons to be turned away when the theater is filled to capacity. It is dealing with young citizens seeking higher education in order to provide for their life's work and for intelligent participation and leadership in that work. They dare not be turned away nor poorly served, and if they are, they will take their toll from the society which neglects them.

We have the wisdom and statesmanship necessary for this task if we but put our minds and hearts to it.

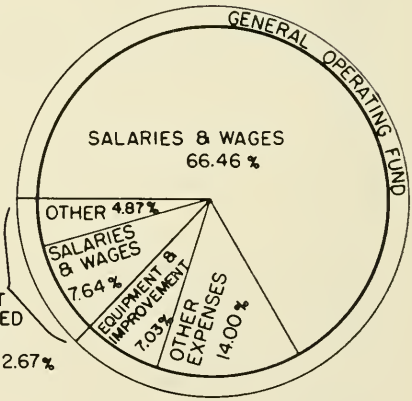
THE EDUCATIONAL OPERATING DOLLAR
1952-53



WHERE IT CAME FROM



HOW IT WAS SPENT BY DEPARTMENT



HOW IT WAS SPENT BY SUBJECT

FINANCIAL REPORT OF THE STATE UNIVERSITY OF IOWA

For the Year Ended June 30, 1953

REPORT OF THE SECRETARY AND THE TREASURER

Receipts and Disbursements of all Funds

From July 1, 1952 to June 30, 1953

FINANCIAL SUMMARY

The accounts of the University are handled by fund groups. Each of these fund groups is kept separate and distinct, is independent and self-balancing and carefully controlled so that each is rigorously segregated with respect to the specific purposes to which each applies. The following is a brief explanation and summary of the operations of each of these fund groups. The detailed analysis of assets, commitments, reserves, balances, income and expenditures are contained in the Exhibits and Schedules following the Summary.

CURRENT FUNDS FOR EDUCATIONAL PURPOSES

The current budgeted income for educational purposes is handled through two funds: the General Operating Fund and the Current Restricted, or Trust Fund. The General Operating Fund is further subdivided into Funds A and B. Fund A includes revenues from state appropriations, student fees and tuition, sales and miscellaneous receipts; Fund B is the special state appropriation for repairs, replacements and alterations. The Current Restricted Fund receives revenue from outside agencies or persons, also special income from medical fees and other sundry income, all of which is expendable for special restricted purposes.

For the year ended June 30, 1953, the income is summarized as follows: (Schedule B-1)

		Per Cent
I. General Operating Fund		
State Appropriations	$ 6,266,316.13	69 01
Student Fees and Tuition	1,378,817.47	15 19
Sales and Other Income	138,393.70	1 52
Sub-total General Fund	(7,783,527.30)	(85 72)
II. Restricted Funds for Educational Purposes		
Endowment Fund Income	14,321.02	16
Current Gifts and Grants	904,311.27	9 96
Other Restricted Income	378,128.59	4 16
Sub-total Restricted Income	(1,296,760.88)	(14 28)
Total	$ 9,080,288.18	100 00

Expenditures from the General Operating Fund are summarized as follows: (Schedule B-2)

By Department		
Instruction and Research	$ 5,868,978.60	57 98
University Extension	270,458.32	2 67
Library	437,530.72	4 32
Operation and Maintenance of Physical Plant	1,424,950.96	14 08
Executive Offices	39,974.14	.39
General Services	422,823.87	4 18
General Expenditures and Student Service	391,829.45	3 87
Total	$ 8,856,546.06	87 49
By Object		
Salaries and Wages	$ 6,727,530.36	66 46
Other Expense	1,417,352.48	14 00
Equipment Replacement and Improvements	711,663.22	7 03
Total	$ 8,856,546.06	87 49

Expenditures from the Current Restricted Fund for Educational Purposes are summarized as follows: (Schedule B-2)

Salaries and Wages	$ 773,098.65	7 64
Other Expense	365,025.19	3 61
Equipment Replacement	127,593.91	1 26
Total	$ 1,265,717.75	12 51
Total Education and Research	$10,122,263.81	100 00

Balances—Fund A (Exhibit A)

The University closed its accounts as of June 30, 1953 with a balance available of $229,349.08. In addition to this balance available committed amounts were as follows:

Orders and Contracts in Process	$329,043.93
Transferred to Iowa City School District, 55th General Assembly	36,683.87

Balances—Fund B Repairs, Replacements, Alterations (Exhibit A)

The University closed its accounts as of June 30, 1953 with a balance available of $395.23. In addition to this balance available committed amounts were as follows:

General University	
Orders and Contracts in Process	$ 55,353.36

The Operation of Organized Educational Activities

These are departments which operate upon special income in the interest of education and of public service. Their operating results are summarized as follows:

	Income	*Expenditures*
University Hospital		
State Appropriation		
Indigent Patients within Quota	$3,218,889.24	
Indigent Patients excess Quota	56,523.44	
Repairs, Replacements and Alterations	100,000.00	
Other Income	1,581,365.05	
Total Hospital	$4,956,777.73	$5,166,042.04
Psychopathic Hospital		
State Appropriation	$ 312,000.00	
Other Income	63,416.13	
Total Psychopathic Hospital	$ 375,416.13	$ 420,681.57
Hospital School for Severely Handicapped Children		
State Appropriation	$ 95,000.00	
Other Income	242.00	
Total Hospital School	$ 95,242.00	$ 100,992.11
State Service for Crippled Children	$ 262,293.32	$ 259,492.39
State Bacteriological Laboratory		
State Appropriation	$ 135,750.00	
Other Income	44,274.79	
Total Bacteriological Laboratory	$ 180,024.79	$ 181,900.40
Student Publications		
(Hawkeye, Daily Iowan, Magazine and Programs)	$ 114,489.41	$ 143,312.27
Extension Activities		
(Conferences, film rental, and correspondence study)	$ 188,859.46	$ 209,236.68
Iowa Testing Program	$ 139,126.48	$ 175,108.90
Summer Opera	$ 2,826.55	$ 2,445.00
Dramatic Art Laboratory	$ 12,216.60	$ 18,043.49
College of Education Research		$ 10,010.74

Auxiliary Enterprises

The University operated as auxiliary enterprises dormitories, dining services and the rental of residences as tenant properties.

Dormitories and Dining Services (Schedule B2j3)

Net Operating Income		$370,468.94
Add Balance		239,140.21
Total Available Dormitory Funds		$609,609.15

These available funds were applied as follows:

Expended for major repairs and replacements in dormitories	$105,524.16	
Paid on Dormitory Note Principal	150,000.00	
Interest on Dormitory Notes	31,563.53	
	(287,087.69)	
Non-Cash Adjustments	1,492.91*	285,594.78
Total Cash Balance from Operation as of June 30, 1953		$324,014.37
Less Orders and Commitments in Process		49,137.37
Net Balance June 30, 1953		$274,877.00

Tenant Properties

Cash Balance July 1, 1952		$ 7,024.98
Income	$ 18,306.99	
Expenditures for Operation	14,157.83	4,149.16
Cash Balance June 30, 1953		$ 11,174.14

Iowa Memorial Union	*Lounge Room*	*Special Fund*
Cash Balance July 1, 1952	$ 1,634.81	$131,963.15
Income	5,130.17	128,512.27
Transfers from Student Activity Fees		20,563.50
U. S. Government Bonds Cashed		200,118.73
Total	$ 6,764.98	$481,157.65
Expenditures	5,519.52	1,937.94
Cash Balance June 30, 1953	$ 1,245.46	$479,219.71

Store Rooms and Service Departments

In order to meet the operating demands of educational and other departments, it is necessary, in the interest of economy and efficiency, to operate certain store rooms and service departments. These are handled upon a cost basis through a revolving fund. The amount of service rendered during the year is as follows:

Stores Departments (Appendix III)

General Stores	$594,333.62
Physical Plant Stores	92,381.06
Physical Plant Coal Stores	327,251.21
Postal Stores	28,199.17
Pharmacy Drug Store Room	272,640.22
Hospital Stores	295,033.53

Service Departments (Appendix IV)

Experimental Animal Account	3,413.00
Laundry Service	182,282.07
Printing Service	215,255.57
Statistical Service	100,271.97
Physiology-Pharmacology Shop	9,685.26
Mailing Service	17,371.88
Physical Plant Jobs	537,634.24
Storage and Transportation	19,882.45
Photographic Service	61,062.50
Car Pool Operation	8,446.10

Current Restricted Non-Educational Funds

The University received from different sources gifts and endowment income for student prizes, scholarships student aid, student activity and miscellaneous purposes. This is accounted for as a current restricted non-educational income. The total received the past year amounted to $298,158.75. (See Schedule B-1k.)

Student Activity Fees

Beginning with the fall semester of 1941-42 the Board of Education authorized the collection of a student activity fee as a part of the general student fee. During 1952-53 the sum of $177,528.16 was available including a balance forward of $12,951.16. The sum of $159,431.23 was allocated to various student activity funds and expenses paid of $1,005.17 leaving a net balance of $17,091.76 carried as a reserve on June 30, 1953.

Agency Funds

The University Business Office handles and audits funds of student organizations, medical services, and other agency funds such as Alumni Association, Fraternity and Sorority Business Service, Iowa Memorial Union Corporation, Employees Withholding Account, R. O. T. C. Unit Fund and Deposit Accounts. These are accounted for as agency funds and are not a part of the general revenue of the University. The gross receipts in 1952-53, including transfers, were as follows:

Alumni Association	$ 22,285.94
Federal and State Tax Withholding Account	1,861,786.80
Student Organizations	129,660.92
Medical Service Funds	907,014.91
Fraternity Affairs	551,552.74
Journal of Bacteriology	3,200.00
Employee Insurance and Retirement Withholding Accounts	720,388.22
R. O. T. C. Collections	712.11
Memorial Union Corporation	150.00
Deposits	64,969.69
Western Review	4,630.01
State High School Athletic Ticket Sales	45,489.48
Total	$4,311,840.82

Student Loan Funds and Other Student Aid

Student Loan Funds were established in 1900 at the University. At present they total $132,925.52 and consist of 26 different funds. They have been established by gifts from alumni, friends and students. Loans are approved by the Student Aid Committee and handled through the University Business Office. In 1952-53 students received loans totaling $40,750.38. Income in the amount of $2,387.93 was collected and added to the fund or to associated accounts. On June 30, 1953, the outstanding loans totaled $39,632.38, investments in U. S. Government Bond totaled $3,960.00, cash $89,333.14. (See Exhibit C and Schedule C-1.)

Further aid was received by 3,824 students in the form of scholarships, fellowships, and Veterans Administration student fee payments with a total of $595,260.65. (For details see Appendix V.)

Endowment Funds

The first endowment fund was established in 1840 from the sale of land from the Federal Government. Other endowments have been received from time to time. Endowment funds are mostly unexpendable, the income being used for the purpose designated in the trust deeds. On June 30, 1953 the Endowment Fund totaled $1,572,891.95 and was invested as follows. (Schedule D-1.)

First Mortgage Loans	$ 60,296.40
Bonds	1,091,921.00
Stocks	223,950.00
Real Estate Owned	2,000.00
Farm Sale Contracts	28,615.00
Other Securities	8,205.87
Cash	14,508.03
	$1,428,796.30
Funds Held by Trustees	
Held by First National Bank of Iowa City Apitz Estate Trust	$ 9,059.12
Held by Iowa State Board of Education John F. Murray Endowment Trust	135,036.53
Total Endowment	$1,572,891.95

During the year the endowment principal was decreased $6,394.92 for the following reasons:

Earnings added to Endowment Principal by agreement as Reserve against Loss on Investment		
F. O. Lowden Oratorical Prize Insurance	$ 88.86	
F. O. Lowden Liberal Arts Prize Reserve Fund	86.36	
Bennett Memorial Chapel	470.73	$ 645.95
Additions to Endowments		
Anna Bartsch Dunne Scholarship	7,000.00	
Nile Kinnick Scholarship Fund	27.50	
President's Fund	47.38	
B. J. Lambert Scholarship	324.50	
S. Bose Memorial	240.00	
Finkbine Endowment Reserve	12.25	7,651.63
Deduct: Transfers to Plant Funds—Chapel Construction	14,486.00	$ 8,297.58
Loss on Sale of Bonds	93.00	
Recording Fee	1.00	
Commission on Farm Mortgage	112.50	14,692.50
Net Principal Decrease		$ 6,394.92

The net income received on Group Investment was $28,498.24. This was distributed as follows:

To General Operating Fund	$ 8,370.08
To Current Restricted Loan and Agency	19,567.21
To Endowment Principal	560.95
Total Group Investment Net Income	$ 28,498.24
Add: Gross Receipts from Non-Group Investment Securities	17,239.87
Total Endowment Income (Exclusive of Funds Held by Trustees)	$ 45,738.11

Average Gross Rate $45,738.11 $1,428,796.30 = 3.20%

Plant Funds

Funds available for major plant improvements and their disposition were as follows: (Exhibit E)

Balance Forward July 1, 1952		$ 975,239.33
Income		
Sundry Receipts	$ 13,655.27	
Transfers from Current Funds	14,486.00	28,141.27
		$1,003,380.60
Disbursements		
Capital Expenditures—Building and Other Plant Improvements	$869,399.97	
Capital Expenditures—Equipment	16,684.71	
Capital Expenditures—Land	2,000.00	
Expenditures Not Capitalized	112,876.47	1,000,961.15
Cash Balance University Treasurer		$ 2,419.45

Dormitory Indebtedness

During the year $150,000.00 was paid on principal of the Dormitory Loan leaving a net balance of principal unpaid of $1,034,500.00. All interest is paid to date. (See Schedule B-2h3.)

Plant Investment

The investment at cost in the Physical Plant of the University after making inventory adjustments and additions as of June 30, 1953 shows the following: (Schedule E-1)

Land (Campus) (703.6391 Acres)	$ 2,192,688.74
Buildings (48 major, 31 minor)	22,489,136.83
Improvements other than buildings, including service lines, pavements, walks, lighting system, sewers	3,657,470.46
Library Books, 800,252 volumes	2,371,761.46
Equipment	9,245,607.69
Iowa Lakeside Laboratory—Lake Okoboji (96.34 Acres)	195,170.00
Wood Forest and Botanical Preserve (Muscatine County) (37 Acres)	1,000.00
Total	$40,152,835.18

Enrollment

The enrollment of the University during 1952-53 reached a total of 15,303 different students of college level. (See Appendix II.)

Staff

A schedule showing the number on the staff is set forth in Appendix I

BALANCE SHEET
As of June 30, 1953
EXHIBIT A
ASSETS

I. CURRENT FUNDS			
A. General Educational Funds			
1. General Operating Fund			
Cash		$315,337.79	
State Comptroller Balance		36,683.87	
Accounts Receivable—Educational Departments		2,162.22	
Due from U. S. Government for Veteran's Instruction and U. S. Government Contracts		243,055.22	
Total General Operation		$597,239.10	
2. Repairs, Replacements and Alterations			
General University			
Cash	$ 55,748.59		
Accounts Receivable	332.73	56,081.32	
Total Repairs, Replacements and Alterations		$ 56,081.32	
Total General Educational Funds			$653,320.42
B. Organized Educational and Public Service Activities			
1. University Hospital			
a. Operation			
Cash		$155,046.68	
Due from State Comptroller			
Excess Quota Patients		25,490.46	
State Appropriation		247,738.76	
Accounts Receivable		193,126.51	
Total Hospital Operation		621,402.41	
b. Repairs, Replacements and Alterations			
Cash		66,681.79	
Total Hospital Repairs, Replacements and Alterations		66,681.79	
Total University Hospital		$688,084.20	
2. Psychopathic Hospital			
Cash		$ 73,378.34	
Accounts Receivable		2,408.84	
Total Psychopathic Hospital		$ 75,787.18	
3. State Bacteriological Laboratory			
Cash		$ 2,740.50	
State Department of Health Balance		2,175.52	
Accounts Receivable		7,047.90	
Total State Bacteriological Laboratory		$ 11,963.92	

BALANCE SHEET
As of June 30, 1953
EXHIBIT A
COMMITMENTS, RESERVES AND BALANCES

I. CURRENT FUNDS				
A. General Educational Funds				
1. General Operating Fund				
Commitments for:				
Orders and Contracts in Process (Schedule B-2a4)		$329,043.93		
Iowa City School District Tuition		36,683.87	$365,727.80	
Reserves for:				
Accounts Receivable—Educational Departments			2,162.22	
Balance Available:				
Unallocated Balance		13,706.14*		
Due from U. S. Government for Veterans Instruction and U. S. Gov't. Contracts		243,055.22	229,349.08	
Total General Operation			$597,239.10	
(Commitments Chargeable to Future Income, Schedule B2a5. $21.50)				
2. Repairs, Replacements and Alterations				
a. General University				
Commitments for:				
Orders and Contracts in Process (Schedule B-2a6)		$ 55,353.36		
Reserve for Accounts Receivable		332.73		
Balance Available		395.23	56,081.32	
Total Repairs, Replacements and Alterations			$ 56,081.32	
Total General Educational Funds				$653,320.42
B. Organized Educational and Public Service Activities				
1. University Hospital				
a. Operation				
Commitments for Orders and Contracts in Process (Schedule B-2c1)			$184,291.99	
Reserves for:				
Accounts Receivable			193,126.51	
Balance Available			243,983.91	
Total Hospital Operation			$621,402.41	
b. Repairs, Replacements and Alterations				
Commitments for:				
Orders and Contracts in Process (Schedule B-2c1)		$ 70,744.24		
Balance Available		4,062.45*		
Total Hospital Repairs, Replacements and Alterations			66,681.79	
Total University Hospital			$688,084.20	
(Commitments Chargeable to Future Income, Schedule B-2c2, $2,211.65)				
2. Psychopathic Hospital				
Commitments for Orders and Contracts in Process (Schedule B-2d1)		$ 33,794.87		
Reserve for Accounts Receivable		2,408.84		
Balance Available				
Repairs and Replacements	$ 20,000.00			
Unallocated Balance	19,583.47	39,583.47		
Total Psychopathic Hospital			$ 75,787.18	
3. State Bacteriological Laboratory				
Commitments for Orders and Contracts in Process		$ 6,069.57		
Reserve for Accounts Receivable		7,047.90		
Balance Available		1,153.55*		
Total State Bacteriological Laboratory			11,963.92	

* Indicates Deduction

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
ASSETS

4. State Service for Crippled Children		
Cash	$ 21,782.06	
Total State Service for Crippled Children	$ 21,782.06	
5. Hospital School for Severely Handicapped Children		
a. Operation		
Cash	$ 627.18*	
b. Repairs, Replacements and Alterations		
Cash	3,272.23	
Total Hospital School	$ 2,645.05	

6. Other Organized Educational Activities

	Cash	Inventories	Accounts Receivable		
Dental Health Education	$ 2,459.72		$ 61.96	$ 2,521.68	
College of Education Research	19,989.26			19,989.26	
Visual Instruction	73,400.67			73,400.67	
Contests and Conferences	869.40*			869.40*	
Correspondence Study	583.90		464.56	1,048.46	
Iowa Testing Service	46,134.68		6,144.47	52,279.15	
Educational Research Bureau	8,943.04	$ 31,795.56	2,943.47	42,982.07	
Dramatic Art Laboratory	4,871.35			4,871.35	
Dramatic Art Laboratory Summer Session	1,282.36			1,282.36	
Summer Opera	1,772.22			1,772.22	
Concert Course	.20			.20	
Student Publications	3,813.54*	2,041.06†	8,617.47	6,844.99	
Total Other Organized Educational Activities	$154,054.46	$ 33,836.62	$ 18,231.93	$206,123.01	
Total Organized Educational and Public Service Activities					$1,006,385.42

C. Auxiliary Enterprises

	Cash	Inventories	Accounts Receivable		
Dormitory and Dining Services	$417,849.37	$ 18,835.18	$ 3,833.33	$440,517.88	
Iowa Memorial Union House	480,465.17		444.13	480,909.30	
Tenant Properties	11,174.14		92.00	11,266.14	
Campus Stores	12,363.20*	13,960.95	37.57*	1,560.18	
Iowa Lakeside Laboratory— Housing, Dining and General	3,781.53			3,781.53	
Hospital Coffee Shop	2,239.55	757.08		2,996.63	
Intercollegiate Athletics	475,305.69	45,022.11	6.14*	520,321.66	
	$1,378,452.25	$ 78,575.32	$ 4,325.75	$1,461,353.32	
Total Auxiliary Enterprises					$1,461,353.32

* Indicates Deduction
† Includes $37.00 U. S. Government Bond

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
COMMITMENTS, RESERVES AND BALANCES

4. State Service for Crippled Children				
Commitments for:				
Orders and Contracts in Process (Schedule B-2e1)			$ 18,546.55	
Balance Available			3,235.51	
Total State Service for Crippled Children				21,782.06
5. Hospital School for Severely Handicapped Children				
a. Operation				
Commitments for Orders and Contracts in Process (Schedule B-2f1)		$ 317.33		
Balance Available		944.51*	627.18*	
b. Repairs, Replacements and Alterations				
Commitments for Orders and Contracts in Process (Schedule B-2f1)		3,230.00		
Balance Available		42.23	3,272.23	
Total Hospital School				2,645.05

6. Other Organized Educational Activities

	Deferred Income, Sales Tax Liability & Commitments In Process	Reserve for Inventories Accts. Rec. & Other Assets	Balance Available	
College of Education Research			$ 19,989.26	$ 19,989.26
Dental Health Education			2,521.68	2,521.68
Visual Instruction	$ 6,211.03		67,189.64	73,400.67
Contests and Conferences	1.91		871.31*	869.40*
Correspondence Study	195.64	$ 464.56	388.26	1,048.46
Iowa Testing Service	46,604.87	6,144.47	470.19*	52,279.15
Educational Research Bureau	6,592.71	34,739.03	1,650.33	42,982.07
Dramatic Art Laboratory	348.41		4,522.94	4,871.35
Dramatic Art Laboratory Summer Session	257.50		1,024.86	1,282.36
Summer Opera	646.67		1,125.55	1,772.22
Concert Course			.20	.20
Student Publications	224.00	10,658.53	4,037.54*	6,844.99
	$ 61,082.74	$ 52,006.59	$ 93,033.68	$206,123.01
Total Other Organized Educational Activities				$206,123.01
Total Organized Educational and Public Service Activities				$1,006,385.42

C. Auxiliary Enterprises

	Deferred Income, Sales Tax Liability & Commitments in Process	Reserve for Inventories Accts. Rec. & Other Assets	Balance Available	
Dormitory and Dining Services	$143,966.86	$ 21,674.02	$274,877.00	$440,517.88
Iowa Memorial Union House	189.57	444.13	480,275.60	480,909.30
Tenant Properties	22.90	92.00	11,151.24	11,266.14
Campus Stores		13,923.38	12,363.20*	1,560.18
Iowa Lakeside Laboratory— Housing, Dining and General			3,781.53	3,781.53
Hospital Coffee Shop		757.08	2,239.55	2,996.63
Intercollegiate Athletics	240,896.76	45,015.97	234,408.93	520,321.66
	$385,076.09	$ 81,906.58	$994,370.65	$1,461,353.32
Total Auxiliary Enterprises				$1,461,353.32

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
ASSETS

	Cash	Inventories	Accounts Receivable		
D. Stores, Service and Revolving Funds					
General Stores	$ 49,466.06	$151,816.48	$ 73.98	$201,356.52	
Physical Plant Stores	8,977.80*	130,360.22	29.44	121,411.86	
Physical Plant Coal Inventory	35,482.40	89,517.60		125,000.00	
Postal Stores	541.02	1,458.98		2,000.00	
Drug Stores	9,361.25*	69,217.71	89.27	59,945.73	
Hospital Stores	42,919.54	94,548.65		137,468.19	
Animal Account	4,574.09	596.16		5,170.25	
Laundry Service	87,881.70			87,881.70	
Mailing Service	1,279.03	958.47	533.41	2,770.91	
Physical Plant Job System	19,229.64	8,025.10*	164.27	11,368.81	
Physiology-Pharmacology Shop	4,894.71	3,667.15		8,561.86	
Printing Service	23,464.53	21,033.73	1,095.48	45,593.74	
Statistical Service	7,013.60*	14,318.24		7,304.64	
Storage and Transportation	324.43			324.43	
Car Pool	956.80			956.80	
Photographic Service	7,935.86	3,366.41	649.06	11,951.33	
Accounts Receivable Advances	7,661.99*		7,661.75	.24*	
Salary or Wage Advances	920.00*		920.00		
Salary and Wages Refund			166.95	166.95	
Freight Claims	120.35*		120.35		
Law Revolving Book Account	1,675.83	2,603.48	94.50	4,373.81	
Material Testing Laboratory	466.15			466.15	
U. S. Excess Property Revolving Account	142.30			142.30	
University Sponsored Dinner and Luncheons	765.50*			765.50*	
Interest from Investment of Current Restricted and Agency Funds	114,301.19			114,301.19	
	$360,714.79	$575,438.18	$ 11,598.46	$947,751.43	
Total Stores, Service and Revolving Funds					$947,751.43
E. Restricted Funds					
Educational Purposes					
Cash		$ 597,496.38			
Accounts Receivable		516,539.29			
Investments		16,741.00		$ 1,130,776.67	
(Commitments chargeable to future income $6,400.00)					
Non-Educational Purposes					
Cash		137,790.31			
Accounts Receivable		525.15			
Investments		20,500.00		158,815.46	
Total Restricted Funds					$ 1,289,592.13
Total Current Funds					$ 5,358,402.72
II. STUDENT LOAN FUNDS (Exhibit C)					
Cash Balance (Exhibit F)				89,333.14	
Notes Receivable				39,632.38	
Investments				3,960.00	
Total Student Loan Funds					132,925.52
III. AGENCY FUNDS					
General					
Cash Balance				601,133.60	
Accounts Receivable				88,237.08	
Investments				16,590.50	
Total Agency Funds					705,961.18

* Indicates Negative

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
COMMITMENTS, RESERVES AND BALANCES

	Deferred Income, Sales Tax Liability & Commitments in Process	Reserve for Inventories Accts. Rec. & Other Assets	Balance Available		
D. Stores, Service and Revolving Funds					
General Stores	$ 40,340.82	$151,890.46	$ 9,125.24†	$201,356.52	
Physical Plant Stores	2,918.69	130,389.66	11,896.49*†	121,411.86	
Physical Plant Coal Inventory	11,368.53	89,517.60	24,113.87†	125,000.00	
Postal Stores		1,458.98	541.02†	2,000.00	
Drug Stores	4,424.78	69,306.98	13,786.03*	59,945.73	
Hospital Stores	15,893.31	94,548.65	27,026.23	137,468.19	
Animal Account		596.16	4,574.09	5,170.25	
Laundry Service	2,019.77		85,861.93	87,881.70	
Mailing Service	21.00	1,491.88	1,258.03	2,770.91	
Physical Plant Job System	7,475.57	7,860.83*	11,754.07	11,368.81	
Physiology—Pharmacology Shop	257.52	3,667.15	4,637.19	8,561.86	
Printing Service	4,518.34	22,129.21	18,946.19	45,593.74	
Statistical Service	2,666.55	14,318.24	9,680.15*	7,304.64	
Storage and Transportation			324.43	324.43	
Car Pool Operation			956.80	956.80	
Photographic Service	2,458.11	4,015.47	5,477.75	11,951.33	
Accounts Receivable Advances	57.50	7,661.75	7,719.49*	.24*	
Salary or Wage Advances		920.00	920.00*		
Salary and Wage Refund		166.95		166.95	
Freight Claims		120.35	120.35*		
Law Revolving Book Account		2,697.98	1,675.83	4,373.81	
Material Testing Laboratory			466.15	466.15	
U. S. Excess Property Revolving Account			142.30	142.30	
University Sponsored Dinners and Luncheons			765.50*	765.50*	
Interest from Investment of Current Restricted and Ageney Funds			114,301.19	114,301.19	
	$ 94,420.49	$587,036.64	$266,294.30	$947,751.43	
Total Stores, Service and Revolving Funds					$947,751.43

† Includes funds made Available from Other Funds as follows:

	General Educational	University Hospital
General Stores	$173,000.00	
Physical Plant Stores	100,000.00	
Physical Plant Coal Inventory	88,000.00	$ 37,000.00
Postal Stores	2,000.00	
Total	$363,000.00	$ 37,000.00

E. Restricted Funds			
Educational Purposes			
Commitments for Orders & Contracts in Process	$ 138,204.91		
Reserve for Accounts Receivable & Other Assets	533,280.29		
Balance Available	459,291.47	$ 1,130,776.67	
Non-Educational Purposes			
Commitments for Orders and Contracts in Process	5,715.46		
Reserve for Accounts Receivable & Other Assets	21,025.15		
Balance Available	132,074.85	158,815.46	
Total Restricted Funds			$ 1,289,592.13
Total Current Funds			5,358,402.72
II. STUDENT LOAN FUNDS (Exhibit C)			
Loan Fund Principal		132,925.52	
Total Student Loan Funds			132,925.52
III. AGENCY FUNDS			
Commitments for Orders and Contracts		549,087.15†	
Reserve for Accounts Receivable and Other Assets		104,827.58	
Balance Available		52,046.45	
Total Agency Funds			705,961.18

* Indicates Deduction.

† Orders and Contracts	$ 1,885.48
Balance of Medical and Dental Service	392,504.30
Liability for Tax Withheld	94,424.92
Liability for Employee Program	44,285.67
Liability for Safekeeping Deposits	15,986.78
	$549,087.15

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
ASSETS

IV. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS			
Cash Balance (Exhibit F)		14,508.03	
Investments (Schedule D-1)		1,414,288.27	
Funds Held by Trustees for Benefit of University			
Apitz Estate Trust Fund (Held by First National Bank)		9,059.12	
John F. Murray Endowment Trust (Held by Iowa State Board of Education)			
Principal Account	124,651.50		
Income Account	10,385.03	135,036.53	
Total Endowment and Other Non-Expendable Funds			1,572,891.95
V. PLANT FUNDS			
A. Projects in Process			
1. Cash Balance			
University Treasurer (Exhibit F)		2,419.45	
Total Cash Balance		2,419.45	
B. Accounts Receivable		10,113.64	
C. Property and Equipment (Schedule E-1)			
Buildings (Schedule E-1a)		22,489,136.83	
Departmental Equipment (Schedule E-1b)		11,617,369.15	
Real Estate (Schedule E-1c)		2,192,688.74	
Improvement Other Than Buildings (Schedule E-1d)		3,657,470.46	
Iowa Lakeside Laboratory (Schedule E-1e)		198,396.80	
Wood Forest and Botanical Preserve (Schedule E-1f)		1,000.00	
Total Property and Equipment		$40,156,061.98	
Total Plant Funds			40,168,595.07
GRAND TOTAL			$47,938,776.44

* Indicates Deduction

BALANCE SHEET
As of June 30, 1953
EXHIBIT A (Continued)
COMMITMENTS, RESERVES AND BALANCES

IV. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS

	Held by Trustees	Group Investment	Non-Group Investment	Total	
Income Available for					
General Purposes		$ 397,576.97		$ 397,576.97	
Special Purposes	$ 9,059.12	554,402.89	$ 8,822.81	572,284.82	
Student Aid	135,036.53	141,476.63	326,517.00	603,030.16	
	$144,095.65	$1,093,456.49	$335,339.81	$1,572,891.95	
Total Endowment and Other Non-Expendable Funds					1,572,891.95

V. PLANT FUNDS

A. Commitments for Orders, Contracts and Projects in Process

	Orders and Contracts in Process	Projects in Process	Total	
49th G. A. Addition to Children's Hospital	$ 10,769.26	$ 3,265.25*	$ 7,504.01	
51st G. A. General Improvements	2,726.04	4,771.57*	2,045.53*	
52nd G. A. General Improvements		1,721.11*	1,721.11*	
53rd G. A. General Improvements	10,795.12	4,475.52	15,270.64	
54th G. A. Hospital Alterations	10,376.27	927.35*	9,448.92	
Dormitory Building, Equipment & Land		3,375.60*	3,375.60*	
Television Teaching	1,227.67	519.63	1,747.30	
Iowa Memorial Union	30,139.00	55,772.01*	25,633.01*	
Danforth Chapel Construction	704.42	158.75	863.17	
Library Equipment and Moving		360.66	360.66	
Total Commitments	$ 66,737.78	$ 64,318.33*	$ 2,419.45	
B. Reserve for Accounts Receivable			10,113.64	
C. Invested in Plant and Equipment				
From Gifts	$ 7,913,691.43			
From Earnings	6,476,715.13			
From State	24,731,155.42		$39,121,561.98	
Dormitory Notes Payable			1,034,500.00	
Total Property and Equipment			40,156,061.98	
Total Plant Funds				40,168,595.07
GRAND TOTAL				$47,938,776.44

* Indicates Deduction

EXHIBIT

CURRENT INCOME AND

For Year Ended

	Total
INCOME (Schedule B-1)	
State Appropriations	
Fund A—For General Operation	$ 5,963,316.13
Fund B—For Repairs, Replacements and Alterations	403,000.00
Public Service	3,818,162.68
Student Fees and Veterans Cost of Instruction (Net)	1,378,817.47
Handling Charge on Veterans Books and Supplies	9,527.60
Sales and Service—Educational Departments	107,244.02
Endowment Income	
Income from Invested Funds	45,346.55
Gifts and Restricted Income	
Private Gifts	352,074.50
U. S. Government Contracts and Appropriations	970,415.28
Other Income	5,462,448.96
Total Combined Income	$18,510,353.19
EXPENDITURES (Schedule B-2)	
Educational	
General University Departments	$ 8,856,546.06
Restricted	1,265,717.75
Organized Educational and Public Service Activities	6,687,265.50
Auxiliary Enterprises	2,278,816.57
Other Non-Educational	165,543.99
Total Combined Expenditures	$19,253,889.96
Income over Expenditures (Under*)	$ 743,536.77*

B

EXPENDITURES BY FUNDS

June 30, 1953

Educational General Fund	Educational Restricted Fund	Organized Educational & Public Service Activities	Auxiliary Enterprises	Non-Educational Restricted Fund
$ 5,963,316.13				
303,000.00		$ 100,000.00		
		3,818,162.68		
1,378,817.47				
9,527.60				
107,244.02				
8,370.08	$ 14,321.02			$ 22,655.45
1,759.06	276,977.88			73,837.56
11,992.94	627,333.39	273,954.53	$ 56,054.42	1,080.00
	378,128.59	2,137,676.94	2,746,057.69	200,585.74
$ 7,783,527.30	$ 1,296,760.88	$ 6,329,794.15	$ 2,802,112.11	$ 298,158.75
$ 8,856,546.06				
	1,265,717.75			
		6,687,265.59		
			2,278,816.57	
				165,543.99
$ 8,856,546.06	$ 1,265,717.75	$ 6,687,265.59	$ 2,278,816.57	$ 165,543.99
$ 1,073,018.76*	$ 31,043.13	$ 357,471.44*	$ 523,295.54	$ 132,614.76

EXHIBIT B

CURRENT INCOME AND

For Year Ended

SUMMARY OF CURRENT

	Total
Cash Balances July 1, 1952	
University Treasurer—Operation	$ 2,974,788.89
University Treasurer—Repairs, Replacements and Alterations	266,485.10
State Comptroller	28,098.41
Total	(3,269,372.40)
Add: Income over Expenditures (Under*)	743,536.77*
Endowment Earnings Adjustment	335.69*
Deferred Expense—1952 Summer Session	175,959.31
Received in Student Publication Revolving	335.57*
Transfers from Other Funds and Accounts	1,031,676.78
Received in Dormitory Revolving Accounts	44,438.52
Received in Hospital Revolving Accounts	216,124.08
Received in Veteran's Administration Contract Account	647,943.33
Dormitory Receipts for Sale of Assets	17,524.04
State Comptroller Balance not Drawn	284,422.63
Agency Fund Balance Forward for Athletics and Student Publication	596,668.26
	2,270,548.92
Deduct: Dormitory Notes and Interest Paid	181,563.53
Dormitory Repairs and Replacements and Major Building Repair	137,087.69
Athletic Department Repairs, Improvement and Equipment	177,859.61
Disbursed from Dormitory Revolving Accounts	9,363.11
Disbursed from Hospital Revolving Accounts	180,762.45
Disbursed from Veteran's Administration Contract Accounts	374,162.35
Decrease in Amount of State Comptroller Income in Process	2,607.95
Transfer to Other Funds and Accounts	1,005,856.20
Deferred Income—1952 Summer Session	200,991.33
Disbursed from Student Publications Revolving	2,126.76*
Undistributed Departmental Overhead	1,510.91*
	$ 2,266,616.55
Cash Balances June 30, 1953 (Exhibit A)	
University Treasurer—Operation	2,838,723.82
University Treasurer—Repairs, Replacements and Alterations	122,430.38
State Comptroller	309,913.09
State Department of Health	2,237.48
Total	$ 3,273,304.77

* Indicates Negative Amount

† University Hospital Operation	$155,046.68
Psychopathic Hospital	73,378.34
Bacteriological Laboratory	2,740.50
Hospital School for Severely Handicapped Children	2,645.05
State Services for Crippled Children	21,782.06
Other Activities	154,054.46
Total	$409,647.09

†† Transferred to Tuition claim for Iowa City School System.

—Continued

EXPENDITURES BY FUNDS

June 30, 1953

FUND CASH BALANCES

Educational General Fund	Educational Restricted Fund	Organized Educational & Public Service Activities	Auxiliary Enterprises	Non-Educational Restricted Fund
$ 940,264.94	$ 626,681.83	$ 846,147.07	$ 445,889.74	$ 115,805.31
167,462.95		99,022.15		
		28,098.41		
(1,107,727.89)	(626,681.83)	(973,267.63)	(445,889.74)	(115,805.31)
$1,073,018.76*	$ 31,043.13	$ 357,471.44*	$ 523,295.54	$ 132,614.76
	5,810.72			6,146.41*
175,959.31				
		335.57*		
103,603.03	61,907.72	45,061.30	753,978.42	67,126.31
			44,438.52	
		216,124.08		
637,420.89		418.44	10,104.00	
			17,524.04	
36,683.87		247,738.76		
		11,484.22*	608,152.48	
119,351.66*	98,761.57	140,051.35	1,957,493.00	193,594.66
			181,563.53	
			137,087.69	
			9,363.11	
		180,762.45		
374,103.42		58.93		
		2,607.95		
5,511.23	127,947.02	180,220.83	520,567.46	171,609.66
200,991.33				
		2,126.76*		
			1,510.91*	
			177,859.61	
580,605.98	127,947.02	361,523.40	1,024,930.49	171,609.66
$ 315,337.79	$ 597,496.38	$ 409,647.09†	$ 1,378,452.25	$ 137,790.31
55,748.59		66,681.79		
36,683.87††		273,229.22		
		2,237.48		
$ 407,770.25	$ 597,496.38	$ 751,795.58	$ 1,378,452.25	$ 137,790.31

SCHEDULE B-1

STATEMENT OF CURRENT INCOME BY SOURCE

For Year Ended June 30, 1953

I. EDUCATIONAL AND GENERAL INCOME		
State Appropriation (Schedule F-1)		
General Operation	$5,963,316.13	
Repairs, Replacements and Alterations		
University	300,000.00	
Iowa Lakeside Laboratory	3,000.00	$6,266,316.13
Student Fees		
Net Tuition and Fees	1,246,276.16	
Veterans' Cost of Instruction	132,541.31	1,378,817.47
Ten Per Cent Handling Charge on Veterans' Books and Supplies		9,527.60
Gifts (Schedule B-1b)		1,259.06
U. S. Government Contracts (Schedule B-1b)		11,992.94
Sales and Services (Schedule B-1b)	107,821.36	
Less Refunds	577.34	107,244.02
Interest—Permanent Land Fund (Schedule D-10)		8,370.08
Total Educational and General Income		$7,783,527.30
II. INCOME FOR SPECIAL RESTRICTED EDUCATIONAL PURPOSES (Schedule B-1c)		
Endowment Income—From Investments		$ 14,321.02
Grant from United States Government		627,333.39
Gifts		276,977.88
Other Income		378,128.59
Total Special Restricted Educational Income (To Exhibit B)		$1,296,760.88

III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES

	State Appropriation	Other Income	Total
University Hospitals (Schedule B-1d)	$3,375,412.68†	$1,581,365.05	$4,956,777.73
Psychopathic Hospital (Schedule B-1e)	312,000.00	63,416.13	375,416.13
State Bacteriological Laboratory	135,750.00	44,274.79	180,024.79
State Services for Crippled Children (Schedule B-1f)		262,293.32	262,293.32
Hospital School for Severely Handicapped Children	95,000.00	242.00	95,242.00
Dental Hygiene Bulletins		2,521.68	2,521.68
Student Publications (Daily Iowan, Hawkeye, Magazine and Programs) (Schedule B-1i)		114,489.41	114,489.41

† Includes Excess Quota Patients Charged to Counties by State Comptroller totaling $56,553.44 and Repairs, Replacements and Alterations of $100,000.00.

SCHEDULE B-1—Continued

STATEMENT OF CURRENT INCOME BY SOURCE

For Year Ended June 30, 1953

III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES (Cont'd.)	State Appropriation	Other Income	Total
Iowa Testing Service		$ 139,126.48	$ 139,126.48
Dramatic Art Laboratory (Schedule B-1g)		9,369.35	9,369.35
Dramatic Art Laboratory—Summer Session (Schedule B-1g)		2,847.25	2,847.25
Extension Division Activities (Schedule B-1h)		188,859.46	188,859.46
Summer Session Opera		2,826.55	2,826.55
Total Organized Educational and Public Service Activities (To Exhibit B)	$3,918,162.68	$2,411,631.47	$6,329,794.15
IV. AUXILIARY ENTERPRISES (Schedule B-1j)			
Dormitory House Operation—Single Students		$ 569,265.36	
Dormitory House Operation—Married Students		434,153.96	
Dining Service		1,013,740.34	
Iowa Memorial Union		133,642.44	
Tenant Property		18,306.99	
Dormitory Services for Students		44,860.87	
Veterans' Books and Supplies		56,054.42	
Lakeside Laboratory		6,730.58	
Campus Stores		15,635.91	
Intercollegiate Athletics		479,030.13	
University Hospital Coffee Shop		20,691.11	
Total Auxiliary Enterprises			$2,802,112.11
V. NON-EDUCATIONAL RESTRICTED INCOME			
For Scholarships, Prizes, Student Aid and Miscellaneous (Schedule B-1k)			
Endowment Income—From Investments		$ 22,655.45	
Grants from United States Government		1,080.00	
Gifts		73,837.56	
Other Income		200,585.74	
Total Non-Educational Restricted Income (To Exhibit B)			$ 298,158.75

SCHEDULE

CURRENT EXPENDITURES BY

For Year Ended

	Total	Salaries	Wages
I. GENERAL EDUCATIONAL FUND EXPENDITURES (See Schedule B-2a)			
Executive Offices and General Services			
Executive Offices	$ 39,971.14	$ 34,372.09	
General Services	422,8.3.87	234,094.49	$ 15,119.31
General Expense	213,233.24	72,485.09	2,527.51
Student Service	178,596.21	146,103.53	6,125.59
Total Executive Offices and General Services	(854,627.46)	(487,055.20)	(23,772.41)
Instruction and Departmental Research			
College of Liberal Arts	2,426,289.79	2,054,282.17	25,157.25
College of Engineering	269,231.77	218,861.98	7,810.00
College of Education	286,031.01	253,440.04	2,901.40
College of Commerce	222,049.46	205,766.22	1,775.58
College of Law	140,429.13	117,906.01	3,514.74
Graduate College	132,942.31	74,874.20	7,830.54
College of Medicine	1,117,273.32	1,005,076.54	4,959.85
College of Dentistry	317,900.60	271,984.90	741.75
College of Pharmacy	64,265.13	50,829.66	
College of Nursing	107,376.42	98,251.75	15.00
Summer Session—1952	294,969.49	278,124.84	2,563.82
Summer Session—1953	153,627.47	138,996.83	1,616.03
Bureau of Business & Economic Research	51,811.10	28,075.28	1,170.92
Bureau of Labor & Industrial Management	17,731.71	10,159.45	134.00
Examination Service	29,340.63	20,485.17	1,739.56
Child Welfare	123,054.98	111,483.73	152.13
Institute of Public Affairs	50,713.85	38,067.49	685.54
Television Teaching	63,940.13	16,560.18	253.06
Total Instruction and Departmental Research	(5,868,978.60)	(4,993,226.44)	(63,021.17)
Extension	270,458.32	132,222.19	9,934.87
Libraries	437,530.72	236,957.88	46,852.89
Operation and Maintenance of Physical Plant	1,009,768.02	59,519.49	674,967.82
Repairs, Replacements and Alterations			
University	410,264.84		
Iowa Lakeside Laboratory	4,918.10		
Total Operating Fund (To Exhibit B)	$8,856,546.06	$5,908,981.20	$ 818,549.16

B-2

FUNCTION AND OBJECT

June 30, 1953

Office Expense	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment and Improvements (To Schedule E-1)
$ 2,152.96	$ 862.43	$ 1,480.98	$ 670.63	$ 149.98		$ 285.07
98,537.18	29,434.36	6,080.34	13,674.46	7,897.95	$ 2,950.97	15,034.81
29,238.14	48,856.95	8,880.08	31,637.08	1,206.28	11,344.80	7,057.31
2,432.65	1,405.46	1,506.29	11,621.95	2,081.73	3,067.50	4,251.51
(132,360.93)	(80,559.20)	(17,947.69)	(57,604.12)	(11,335.94)	(17,363.27)	(26,628.70)
27,449.56	11,819.21	13,472.92	105,134.00	29,683.53	11,852.99	147,438.16
4,445.18	7,426.38	1,649.85	8,678.44	2,706.74	2,953.75	14,699.45
5,470.47	3,824.76	2,046.45	11,363.20	1,709.49	323.20	4,952.00
2,095.41	421.90	594.35	3,567.77	1,167.21	18.00	6,643.02
1,735.09	12,096.32	602.00	1,752.59	691.32	258.89	1,872.17
2,526.80	14,372.58	1,008.21	7,728.25	1,240.78	18,233.88	5,127.07
7,640.32	5,865.84	4,030.07	48,367.62	8,557.83	2,391.64	30,383.61
2,778.42	2,982.75	1,378.89	26,888.87	2,725.37	501.95	7,917.70
781.36	797.30	170.49	3,308.88	4,086.77		4,290.67
3,828.32	332.69	1,656.49	1,864.28	354.81	185.00	888.08
1,004.11	1,282.65	1,623.78	4,026.17	551.54	5,717.32	75.26
641.56	1,234.73	580.28	2,522.81	258.65	7,776.58	
1,331.67	4,706.44	2,273.73	4,965.79	206.85	6,930.70	2,149.72
788.56	1,451.28	564.88	2,090.35	149.26	1,083.00	1,310.93
1,337.40	194.81	549.78	2,277.98	914.68	612.00	1,229.25
1,814.86	835.14	722.95	4,050.68	1,003.53	454.00	2,537.96
1,292.56	4,882.76	2,236.81	1,614.71	222.79	1,045.00	666.19
784.45	112.02	5,374.90	16,295.21	5,044.55	125.81	19,390.25
(67,746.10)	(74,639.56)	(40,536.83)	(256,497.60)	(61,275.70)	(60,463.71)	(251,571.49)
5,169.45	9,929.98	5,747.57	10,569.62	3,934.26	27,464.57	65,485.81
6,642.23	3,236.39	1,066.15	9,895.35	2,038.56	666.54	130,174.73
3,669.53	971.41	327.77	211,099.66	12,632.71	6,190.15	40,389.48
1,440.05	17.10		71,203.27	142,652.08		194,952.34
				2,457.43		2,460.67
$217,028.29	$169,353.64	$ 65,626.01	$616,869.62	$236,326.68	$112,148.24	$711,663.22

SCHEDULE B-2—Continued

CURRENT EXPENDITURES BY FUNCTION AND OBJECT

For Year Ended June 30, 1953

	Total	Salaries	Wages	Office Expense	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment & Improvements (To Schedule E-1)
II. SPECIAL EDUCATIONAL RESTRICTED EXPENDITURES (To Exhibit B) (See Schedule B-2b)	$1,265,717.75	$726,427.52	$ 46,671.13	$ 11,572.96	$ 5,602.77	$ 60,804.46	$185,707.23	$ 16,583.19	$ 84,754.58	$127,593.91
III. ORGANIZED EDUCATIONAL & PUBLIC SERVICE ACTIVITIES										
University Hospital (Schedule B-2c)										
Administration	$433,455.29	$220,950.68	$ 13,710.84	$ 67,422.87	$ 4,012.79	$ 3,250.06	$ 22,180.88	$ 886.77	$ 97,809.19	$ 3,231.21
Dietary	774,532.53	382,690.55	64,812.63	174.41			323,949.42	1,787.34		1,118.18
Household & Property	438,540.45	265,858.08	13,238.95	111.27	9.30*		142,383.21	1,759.88	10,608.66	4,589.70
Plant Operation & Maintenance	314,615.30	112,100.50	48.52	997.29			152,103.56	40,168.46	893.25	8,303.72
Professional Service	2,640,471.77	1,926,165.29	55,705.98	3,146.81	14.14		6 3,493.61	10,074.64	13,400.89	8,470.41
State Patient Transportation	232,565.36	105,452.96	19,314.80			67,375.50	30,886.04	3,675.79	637.97	5,222.30
Extraordinary Expenditures	199,520.98			1,912.86	54.14		22,049.99	20,357.47		155,146.52
Repairs, Replacements & Alterations	132,340.36			288.95			26,190.79	50,919.51		54,941.11
Total Hospital	(5,166,042.04)	(3,013,218.06)	(166,831.72)	(74,054.46)	(4,071.77)	(70,6?5.56)	(1,343,?37.50)	(129,629.86)	(123,349.96)	(241,023.15)
Psychopathic Hospital (Schedule B-2d)										
Administration	40,275.00	20,653.85	1,392.01	3,025.78	657.77	248.82	1,654.34	481.76	8,121.54	4,039.13
Dietary	44,818.26	7,777.71	1,897.70	31.56		.75	31,265.44	855.62		2,989.48
Household and Property	49,334.76	22,662.30	630.98	17.18		4.00	14,984.34	9,459.06	102.76	1,474.14
Professional Service	224,349.59	174,160.47	53,065.58	134.59	615.12	632.02	6,854.99*	193.05	25.24	2,378.51
Non-Operating Expense	34,109.78		146.02			?97.50	9,106.51	21,508.65		3,051.10
Research and Teaching	27,794.18	27,622.93	37.76	93.65			39.84			
Total Psychopathic Hospital	(420,681.57)	(252,877.26)	(57,170.05)	(3,302.76)	(1,272.89)	(1,183.09)	(50,195.48)	(32,498.14)	(8,249.54)	(13,932.36)
State Bacteriological Laboratory	181,900.40	130,994.90	2,123.28	13,549.59	3,915.71	2,117.59	21,055.12	2,044.56	3,440.98	2,658.67
State Services for Crippled Children (Schedule B-2e)	259,492.39	150,803.34	22.50	3,348.13	2,049.25	16,?05.55	8,634.85	1,093.62	61,511.77	15,823.38

Hospital School for Severely Handicapped Children (Schedule B-2f)											
Administration	10,021.65	10,021.65									
Teaching Service	21,971.62	21,971.62									
Health & Medical Service	21,992.58	21,925.58								67.00	
Dietary & Personal Maintenance	35,868.85	20,706.74					15,162.11				
General Expense	11,133.04		1,960.52	1,157.57	170.75	1,119.04	3,956.24	703.32		26.27	2,039.33
Repairs, Replacements & Alterations	4.37							4.37			
Total Hospital School	(100,992.11)	(74,625.59)	(1,960.52)	(1,157.57)	(170.75)	(1,119.04)	(19,118.35)	(707.69)	(93.27)	(2,039.33)	
Student Publications (Schedule B-2g)											
Daily Iowan, Hawkeye & Magazine	129,636.60	38,843.53	34,422.50	5,991.17	22,323.74	240.47	19,025.95	864.17	7,057.03	868.04	
Athletic Programs	13,675.67			2,442.24	9,420.98		82.54		1,729.91		
Total Student Publications	(143,312.27)	(38,843.53)	(34,422.50)	(8,433.41)	(31,744.72)	(240.47)	(19,108.49)	(864.17)	(8,786.94)	(868.04)	

* Negative amount. Includes credit for amount of sales to University Departments.

SCHEDULE B-2—Continued

CURRENT EXPENDITURES BY FUNCTION AND OBJECT

For Year Ended June 30, 1953

	Total	Salaries	Wages	Office Expense	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment & Improvements (To Schedule E-1)
III. ORGANIZED EDUCATIONAL & PUBLIC SERVICE ACTIVITIES (Cont'd.)										
Dramatic Art Laboratory	$ 15,276.23	$ 1,874.91	$ 512.08	$ 1,223.82	$ 890.39		$ 4,901.68	$ 1,342.20	$ 884.34	$ 613.81
Dramatic Art Laboratory Summer Session	2,767.26	1,463.79	141.00	214.57	166.26		602.77	148.87	30.00	
College of Education Research	10,010.74	9,750.00	80.00	141.18	34.78		4.48			
Extension Division Activities (Schedule B-2g)	209,236.68	49,340.17	45,309.95	14,986.52	9,014.61	$1,702.97	51,267.05	3,238.20	3,245.26	31,131.95
Iowa Testing Program	175,108.90	40,413.60	30,371.95	13,590.87	900.54	2,363.13	72,388.04	4,569.95	4,404.07	6,106.75
Summer Opera	2,445.00		273.45	249.39	558.19	91.65	1,009.84	177.48	85.00	
Total Organized Educational & Public Service Activities (To Exhibit B)	$6,687,265.59	$3,767,205.15	$339,219.00	$134,252.57	$ 54,789.86	$ 95,649.05	$1,591,526.65	$176,314.74	$214,081.13	$314,227.41
IV. AUXILIARY ENTERPRISES EXPENDITURES (See Schedule B-2j)										
Dormitory House Operation	$ 404,157.66	$ 140,682.67	$ 29,579.67	$ 3,271.96	$ 353.77	$ 180.50	$173,725.32	$ 29,261.64	$ 26,168.98	$ 933.15
Married Student Housing	307,633.06	22,543.84	35,734.82	493.01	508.79		166,628.84	62,730.95	18,992.81	
Dining Service	966,818.35	76,875.48	303,238.98	1,941.14	701.33	80.67	528,630.56	15,947.12	39,318.77	84.30
Iowa Memorial Union Lounge Room	7,457.46		2,007.86				336.51	488.31	2,868.75	1,756.03
Tenant Property	14,157.83		56.85	132.00			3,774.59	9,788.75	315.64	90.00
Veterans Books and Supplies	56,054.42			170.05			52,390.91		3,493.46	
Campus Stores	17,107.21	1,694.84	168.89	113.03	13,224.15		1,594.36		311.94	
Iowa Lakeside Laboratory	7,188.03	1,039.40	807.59	13.22		2.56	3,621.83		6.00	1,697.43
Dormitory Services	36,591.16		2,517.99	24,416.57	17.26		8,626.48	40.97	971.89	

Inter-Collegiate Athletics	443,199.83	163,745.49	12,389.02	15,626.32	11,065.12	69,594.74	87,777.35	22,930.97	26,629.99	3,440.83
University Hospital Coffee Shop	18,451.56	5,507.46	308.20	2.51			12,412.19	50.80	132.97	37.43
Total Auxiliary Enterprises	$2,278,816.57	$ 412,089.18	$416,809.87	$ 46,179.81	$ 25,870.42	$ 69,858.47	$1,039,518.94	$141,239.51	$119,211.20	$ 8,039.17
V. SPECIAL NON-EDUCATIONAL RESTRICTED FUND EXPENDITURES (See Schedule B-2k)	$ 165,543.99	$ 3,454.58	$ 454.73	$ 3,951.61	$ 482.53	$ 20,817.82	$ 14,942.19	$ 814.66	$118,576.50	$ 2,049.37

EXHIBIT

STATEMENT OF STUDENT

For Year Ended

	Year Established	Principal June 30, 1952		
		Cash	Notes and Investments	Total
Alumni Association Loan	1932	$ 1,409.13	$ 712.00	$ 2,121.13
Alumni Association Loan Investments			3,960.00	3,960.00
Lt. Col. Z. W. Burriss Memorial Loan	1949	1,541.92	459.00	2,000.92
A. Whitney Carr Graduate Loan	1900	636.87	4,708.75	5,345.62
F. C. Denkmann Loan in Liberal Arts	1928	3,891.03		3,891.03
Dolphin Club Loan	1939	678.54		678.54
Home Economics Club Loan	1932	174.66		174.66
International Student Council Loan	1930	240.65		240.65
Iowa Nurses Alumni Student Loan	1950	1,500.00		1,500.00
Kellogg Foundation Loan for Dental Students	1942	6,143.14	4,110.87	10,254.01
Kellogg Foundation Loan for Medical Students	1942	6,520.31	3,650.00	10,170.31
Kellogg Foundation Loan for Student Nurses	1942	3,901.49	20.00	3,921.49
Law Consolidated Loan	1926	9,122.58	2,007.00	11,129.58
Don A. and Julia L. Love Memorial Loan Fund	1949	21,514.63	4,044.40	25,559.03
College of Medicine Loan	1930	373.13		373.13
Rosa Hubbard Jones Loan	1952	200.00		200.00
Mortar Board Loan	1933	110.74		110.74
Student Nurses' Association Loan	1930	256.78		256.78
Phi Beta Kappa Loan	1934	255.01		255.01
Phi Epsilon Kappa Loan	1947	122.83		122.83
Alice E. Booth Medical Loan	1944	2,961.86		2,961.86
Senior Class Loan	1942	660.00		660.00
Dean's Loan Fund	1946	348.64	250.00	598.64
Robert T. Swaine Graduate Loan	1925	1,210.05	7,335.00	8,545.05
Wm. H. Symons Loan	1935	3,935.99	331.50	4,267.49
Undergraduate Student Loan	1900	20,320.23	3,043.15	23,363.38
U. S. Government Loan	1942	60.00	9,505.13	9,565.13
Total (To Exhibit A)		$ 88,090.21	$ 44,136.80	$132,227.01
SUMMARY				
Student Loan Notes		$ 88,090.21	$ 40,176.80	$128,267.01
U. S. Government Bonds			3,960.00	3,960.00
		$ 88,090.21	$ 44,136.80	$132,227.01

C

LOAN FUNDS

June 30, 1953

Additions			Deductions	Principal June 30, 1953		
Earnings	Gifts	Other		Cash	Notes and Investments	Total
$ 73.81		$ 55.09	$ 44.95	$ 1,416.58	$ 788.50	$ 2,205.08
					3,960.00	3,960.00
27.28				1,649.20	379.00	2,028.20
181.41				1,918.54	3,608.49	5,527.03
146.91				3,960.94	77.00	4,037.94
				585.54	93.00	678.54
				174.66		174.66
				240.65		240.65
				1,300.00	200.00	1,500.00
57.33			15.00	6,296.00	4,000.34	10,296.34
105.83				5,946.14	4,330.00	10,276.14
15.80				3,387.29	550.00	3,937.29
68.16		200.00	313.99	9,898.75	1,185.00	11,083.75
251.04		153.00	114.40	20,444.46	5,404.21	25,848.67
				373.13		373.13
				200.00		200.00
				110.74		110.74
				256.78		256.78
				255.01		255.01
				122.83		122.83
702.69				3,664.55		3,664.55
				660.00		660.00
				532.64	66.00	598.64
239.80				3,354.66	5,430.19	8,784.85
62.33				2,879.82	1,450.00	4,329.82
271.71	$ 17.40	28.45	29.60	19,704.23	3,947.11	23,651.34
183.83			1,625.42		8,123.54	8,123.54
$ 2,387.93	$ 17.40	$ 436.54	$ 2,143.36	$ 89,333.14	$ 43,592.38	$132,925.52
$ 2,387.93	$ 17.40	$ 436.54	$ 2,143.36	$ 89,333.14	$ 39,632.38	$128,965.52
					3,960.00	3,960.00
$ 2,387.93	$ 17.40	$ 436.54	$ 2,143.36	$ 89,333.14	$ 43,592.38	$132,925.52

EXHIBIT D
SUMMARY OF ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS
For Year Ended June 30, 1953

FUNDS UNDER GROUP INVESTMENT	Year Established	Principal July 1, 1952	Additions (Deductions*)		Principal June 30, 1953
			Earnings	Other	
PERMANENT LAND FUND (Accrued from sale of land from Federal grant. Income used for general University purposes.)	1849	$289,105.24			$289,105.24
RESERVE FOR CONTINGENCIES OF INVESTED FUNDS† (Expendable to protect investments.)	1932	79,585.23		$ 886.50	80,471.73
MARK RANNEY MEMORIAL FUND (Established by Martha W. Ranney. Interest used for establishing and maintaining Mark Ranney Memorial Institute for the foundation of a College of Fine Arts.)	1908	84,671.10			84,671.10
A. WHITNEY CARR SCHOLARSHIP (Interest used for resident fee scholarships in College of Liberal Arts and Applied Science, also loans for Graduate Students.)	1900	50,739.93			50,739.93
WAITE LOWREY GIFFORD MEMORIAL (Established by Helen J. Gifford. Interest to be used in equipping and maintaining a room in the University Hospital for free medical treatment of needy patients.)	1908	16,782.10			16,782.10
WILLIAM JENNINGS BRYAN PRIZE FUND (Interest to be used as a prize for students' essays on "Government.")	1903	253.70			253.70
JOHNSON MEMORIAL PRIZES (Established in 1923 by Mr. & Mrs. John H. Johnson and increased in 1935. See Johnson Memorial Prizes under non-group investments. Interest used for Ernest R. Johnson Memorial Prizes of $25.00 and $15.00 to students with highest scholastic standing for four years in College of Liberal Arts and for John Hamilton Johnson Memorial Prizes of $20.00, $15.00 and $10.00 to students majoring in Journalism who write the best stories for the Daily Iowan during the academic year.)	1923	126.21			126.21
SAMUEL LEFEVRE MEMORIAL PRIZE (Established by Annie Lefevre. Interest to be used for freshman oratorical prize.)	1923	507.40			507.40
BELLE AND DAVID WYLAND SCHOLARSHIP (Established by will of Belle Wyland. Interest available for scholarships.)	1930	913.32			913.32

† See Finance Committee Minutes of January 23, 1946. All profits or gains from sale or disposal of Bonds or other Group Investments are to be credited to the Reserve.
This Reserve shall be pooled with Group Investment cash and invested in the same manner as Other Group Investments.
This Reserve shall be available for any losses resulting from the sale or disposal of Group Investments and extraordinary expense in connection with the sale, transfer, acquisition or protection of investments which are not chargeable against the Group Investments Income Account.

F. O. LOWDEN ORATORICAL PRIZE INSURANCE (In accordance with terms of the gift all interest in excess of the oratorical prize is to be accumulated to $3,000 and held as an insurance against possible loss in principal.)	1931	$ 2,205.47	$ 88.86		$ 2,294.33
W. T. PROUDFOOT SCHOLARSHIP (Interest used for scholarships in Art Department to students preferably from Warren County.)	1926	2,014.80			2,014.80
THEODORE SANXAY FELLOWSHIP FUND (Interest to be used for fellowships for Liberal Arts students.)	1926	15,221.98			15,221.98
F. C. DENKMANN LAW SCHOLARSHIP FUND (Interest used for Law Scholarships.)	1928	5,074.00			5,074.00
ROCKEFELLER AND GENERAL EDUCATION BOARD MEDICAL RESEARCH FUND (Established from interest accumulations on Rockefeller gift for new medical building. Income used for medical research.)	1929	202,959.68			202,959.68
PAUL REED ROCKWOOD FUND FOR LECTURESHIPS OR SCHOLARSHIPS IN MEDICIAL RESEARCH (Established by Alan C. Rockwood, Executor of estate of E. W. Rockwood. Interest to be used to pay honoraria to one or more visiting lecturers in the College of Medicine.)	1937	9,077.67			9,077.67
WILLIAM GARDINER HAMMOND SCHOLARSHIP (Gift of J. E. E. Markley. Interest to be used to establish Law Scholarship in honor of Wm. Gardiner Hammond.)	1938	2,537.00			2,537.00
LAVERNE NOYES FOUNDATION SCHOLARSHIP FUND (Established by trustees of Noyes estate. Interest to be used to provide scholarships to citizens who served in World War I or their descendants by blood. See also non-group investments.)	1938	13,449.62			13,449.62
EDWARD PRICHETT SCHOLARSHIP FUND (Interest to be used for maintaining scholarships in the College of Law or College of Liberal Arts.)	1940	6,729.94			6,729.94
JOSEPH GRAHAM MAYO FUND FOR LECTURESHIPS OR SCHOLARSHIPS IN THE COLLEGE OF MEDICINE (Established by Edith Graham Mayo. Interest to be used to pay honoraria to one or more visiting teachers, or may be used any one year to pay a scholarship in the College of Medicine.)	1939	5,074.00			5,074.00
F. C. DENKMANN LIBERAL ARTS LOAN FUND (Interest used for loans to students in College of Liberal Arts.)	1928	$ 5,074.00			$ 5,074.00
SCHERLING PRIZE FUND (Established by Gus Scherling. Interest to be used for prizes in College of Pharmacy for superior work in Organic Chemistry.)	1941	202.95			202.95
F. O. LOWDEN LIBERAL ARTS PRIZE RESERVE (In accordance with terms of the gift all interest in excess of the Prize is to be accumulated in cash to $2,000 and held as a reserve against possible loss in principal.)	1936	910.78	$ 86.36		997.14

EXHIBIT D—Continued

SUMMARY OF ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS

For Year Ended June 30, 1953

	Year Established	Principal July 1, 1952	Additions (Deductions*)		Principal June 30, 1953
			Earnings	Other	
Y. W. C. A. FUND FOR PERMANENT BENEFIT TO Y. W. C. A. (Established by Y. W. C. A. from funds received for sale of Close Hall. Interest to be paid annually to Y. W. C. A., principal expendable for permanent benefit to Y. W. C. A.)	1942	3,198.00			3,198.00
Y. M. C. A. FUND FOR PERMANENT BENEFIT TO Y. M. C. A. (Established by Y. M. C. A. from funds received for sale of Close Hall. Interest to be paid annually to Y. M. C. A., principal expendable for permanent benefit to Y. M. C. A.)	1942	156.15			156.15
A. O. THOMAS MEMORIAL FUND (Interest to be used for purchase of rare and needed fossils, etc., for department of Geology.)	1943	506.65			506.65
PRESIDENT'S FUND (Income is to be added to principal until annual income on principal is sufficient to provide annual prize of $25.00 awarded in annual oratorical contest, known by the name of the incumbent President. Now known as Hancher Oratorical Prize.)	1943	952.62		$ 47.38	1,000.00
ALICE E. BOOTH LOAN (Established by Alice E. Booth. Interest to be used as a student loan fund for worthy students preferably in the College of Medicine.)	1911	12,676.36			12,676.36
B. J. LAMBERT SCHOLARSHIP FUND (Established by Alumni of the University for awards to students of Engineering.)	1944	4,953.99		324.50	5,278.49
BENNETT MEMORIAL CHAPEL (Established by Helen B. Bennett for building Bennett Memorial Chapel.)	1944	16,259.56	470.73		16,730.29
FINKBINE ENDOWMENT RESERVE (Funds raised are to be used for restoration of Finkbine Dinners—Fund to be called "Fund for the Perpetuation of the Annual Finkbine Dinner.")	1945	5,281.17		12.25	5,293.42
HELEN BLANCHE BENNETT SCHOLARSHIPS (Established by Helen B. Bennett for scholarships for students from Bennett, Iowa.)	1941	$ 3,000.00			$ 3,000.00

TRUST FUND FOR MARGARET BUCKLEY (Granted under will of Helen B. Bennett. The income is to be set aside for Margaret Buckley to be paid quarterly during her lifetime. In case of illness, accident or emergency so much of the principal up to and including the whole thereof may be paid. Upon death of Margaret Buckley the trust shall terminate and remaining trust shall revert to and be a part of the Bennett Chapel Fund.)	1915	2,000.00	....	....	2,000.00
L. C. RAIFORD MEMORIAL PRIZE IN CHEMISTRY (Established by friends of Professor L. C. Raiford to create a Raiford Memorial Prize in Chemistry of one year membership in American Chemical Society for graduate student in Organic Chemistry.)	1917	575.50	.....	.....	575.50
WILBER J. TEETERS SCHOLARSHIP FUND (Established by Gifts of Alumni in honor of Dean Emeritus Wilber J. Teeters. Income to be used for Annual Prize for senior student in Pharmacy.)	1948	2,523.06	.....	.....	2,523.06
RUDY E. MINGER SCHOLARSHIP FUND (Established by Ralph and Avis Minger in honor of Rudy E. Minger. Income to be used for annual award to outstanding freshman and sophomore in Dentistry.)	1948	5,000.00	.....	.....	5,000.00
RESERVE FOR UNREALIZED PROFIT ON FARMS SOLD UNDER CONTRACT		29,000.00	.....	$ 1,000.00*	28,000.00
PEARL BENNETT BROXAM MEMORIAL FUND (Established in 1948 in memory of Pearl Bennett Broxam. Income to be used for annual award in Radio Broadcasting.)	1948	1,645.00	.....	.....	1,645.00
SUDHINDRA BOSE MEMORIAL FUND (Net Income to be used for Guest Lecture on India. Principal expendable if needed for same purpose.)	1949	1,275.00	.....	240.00	1,515.00
FINKBINE ENDOWMENT FUND FOR WOMEN (Dorothy Finkbine Souers, Emilie Blackmore Stapp and Marie Graham Stapp to provide funds for Annual Finkbine Dinner for women.)	1951	2,920.76	.....	.....	2,920.76
LAURA SPELMAN ROCKEFELLER ENDOWMENT FUND FOR CHILD WELFARE (Income to be used in support of research project in child welfare and parent education.)	1929	205,000.00	.....	.....	205,000.00
DENTISTRY CLASS OF 1923 (Income to be used for awards in Dentistry.)		1,559.37	.....	.....	1,559.37
Sub-total Funds under Group Investment		(1,092,299.91)	(645.95)	(510.63)	(1,093,156.49)
FUNDS NOT UNDER GROUP INVESTMENT					
GIFT FROM CITIZENS OF IOWA CITY FOR CHAPEL (Formerly donated land fund—Clay and Calhoun County.) (Transferred from Real Estate inventory 1934-35. Represents appraised value of Clay and Calhoun Co. farms donated in 1865. Rents and proceeds, if sold, are expendable.)	1935	$ 23,401.81	.....	$ 14,579.00*	$ 8,822.81
F. O. LOWDEN ORATORICAL PRIZE (Interest used as prizes for winners of Northern Oratorical League Contest.)	1900	2,500.00	.....	.....	2,500.00

EXHIBIT D—Continued
SUMMARY OF ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS
For Year Ended June 30, 1953

	Year Established	Principal July 1, 1952	Additions (Deductions*)		Principal June 30, 1953
			Earnings	Other	
JOHN F. DILLON SCHOLARSHIP (Interest used for law prizes and scholarships.)	1914	12,378.51			12,378.51
JOHN P. LAFFEY GIFT FOR LAW SCHOLARSHIPS	1927	10,000.00			10,000.00
F. O. LOWDEN PRIZE FUND IN LIBERAL ARTS (Interest to be used for prizes in Botany, Geology, Greek, Latin, and Mathematics, $25 each; and for debate, $50. Excess of interest over prizes to be accumulated in cash until at least $2,000 is accumulated against possible loss in principal.)	1935	3,000.00			3,000.00
JOHNSON MEMORIAL PRIZES (See also Johnson Memorial Prizes of $420 in group investment.)	1935	1,300.00			1,300.00
LAVERNE NOYES FOUNDATION SCHOLARSHIP FUND (Gift of 175 shares aeromotor stock. See also group investments.)	1938	192,500.00			192,500.00
CHARLES BUNDY WILSON MEMORIAL PRIZE FUND (Established by Mrs. Charles Bundy Wilson. Income to be used as a prize or prizes for excellence in the German Language or Literature.)	1939	1,000.00			1,000.00
FRED STEBLER SCHOLARSHIP IN ENGINEERING (Established by Fred Stebler for assistance to worthy students preferably in Mechanical Arts.)	1947	9,000.00			9,000.00
NILE KINNICK SCHOLARSHIP SUPPLEMENTARY FUND (Fund to be known as "Nile Kinnick Memorial Scholarship Supplementary Fund." To be administered in the aid of charitable, literary and educational purposes. To be awarded by the Iowa Student Aid Committee and Iowa State Junior Chamber of Commerce Nile Kinnick Scholarship Committee. Each Scholarship not to exceed $750.00.)	1943	84,810.99		27.50	84,838.49
ANNA BARTSCH-DUNNE MEDICAL SCHOLARSHIP (For the purpose of establishing an endowment to be known as the Anna Bartsch-Dunne Medical Scholarship for Women, the income of which shall be awarded annually as a medical scholarship for study at the College of Medicine.)	1951	3,000.00		7,000.00	10,000.00
Sub-total Funds Not Under Group Investment		(342,891.31)		(7,551.50)*	(335,339.81)
TOTAL ENDOWMENT AND NON-EXPENDABLE FUND PRINCIPAL (To Exhibit A)		$1,435,191.22	$645.95	$ 7,040.87*	$1,428,796.30

SCHEDULE D-1

SUMMARY OF ENDOWMENT AND NON-EXPENDABLE FUND INVESTMENTS IN JOINT CUSTODY OF UNIVERSITY TREASURER AND FINANCE COMMITTEE OF THE IOWA STATE BOARD OF EDUCATION

As of June 30, 1953

	Non-Group Investments	Group Investments	Total
Cash (Schedule D-2)	$ 1,405.31	$ 13,102.72	$ 14,508.03
Investments:			
U. S. and Municipal Bonds (Schedules D-3 & D-7)	103,184.50	983,236.50	1,086,421.00
Other Bonds (Schedule D-7)	5,500.00		5,500.00
First Mortgage Real Estate Loans (Schedule D-5)		60,296.40	60,296.40
Preferred Stock (Schedule D-7)	15,500.00		15,500.00
Common Stock (Schedule D-7)	207,750.00		207,750.00
Real Estate Owned (Schedule D-7)	2,000.00		2,000.00
Farm Sale Contracts (Schedule D-6)		28,615.00	28,615.00
Other Securities (Schedules D-4 & D-7)		8,205.87	8,205.87
Sub-total Investments	(333,934.50)	(1,080,353.77)	(1,414,288.27)
Total (To Exhibit A)	$ 335,339.81	$1,093,456.49	$1,428,796.30

EXHIBIT E

SUMMARY STATEMENT OF FUNDS FOR ADDITIONS AND IMPROVEMENTS TO PLANT

For Year Ended June 30, 1953

	Total	49th G. A. Children's Hosp. Addition	51st G. A. Improvements	52nd G. A. Improvements	52nd G. A. Hosp. School for Severely Handicapped Children	53rd G. A. Improvements	53rd G. A. Hosp. School for Severely Handicapped Children	54th G. A. Improvements Hospital Alteration
Cash Balances July 1, 1952	$975,239.33	$ 33,554.45	$281,029.56	$ 51,846.33	$242,750.38	$136,324.61	$ 30,646.15	$101,900.00
Receipts								
Allocation of Funds						4,904.34*	4,904.34	
Sundry Credits	13,655.27		6,165.12	1,012.17	305.33	862.31		
Transfer from Other Funds	14,486.00							
Total	$1,003,380.60	$ 33,554.45	$287,194.68	$ 52,858.50	$243,055.71	$132,282.58	$ 35,550.49	$101,900.00
Disbursements								
Transfers to Other Funds								
Buildings and Other Plant Improvements	$ 869,399.97	$ 25,003.32	$290,286.21	$ 49,458.94	$245,588.83	$110,774.69	$ 31,780.75	$ 7,932.59
Equipment	16,684.71			22 05		154.00		
Expenditures not Capitalized	112,876.47	1,047.12	1,046.00*	2,243.00	322.50	9,852.99		84,518.49
Land	2,000.00							
Refunds to State Comptroller								
Total Expenditures	$1,000,961.15	$ 26,050.44	$289,240.21	$ 51,723.99	$245,911.33	$120,781.68	$ 31,780.75	$ 92,451.08
Cash Balance June 30, 1953	$ 2,419.45	$ 7,504.01	$ 2,045.53*	$ 1,134.51	$ 2,855.62*	$ 11,500.90	$ 3,769.74	$ 9,448.92

EXHIBIT E—Continued

SUMMARY STATEMENT OF FUNDS FOR ADDITIONS AND IMPROVEMENTS TO PLANT

For Year Ended June 30, 1953

	Dormitory Land	Hillcrest Addition	Children's Hospital Alterations	New Library Equipment & Moving	Library Air Cooling Units	Danforth Chapel	Equipment & Building Alteration for Teaching T.V.	Iowa Memorial Union	Park Lawn Apartments
Cash Balances July 1, 1952		$ 2,524.34	$ 10,138.37	$ 3,425.27	$ 26,487.10	$ 8,733.56	$ 27,700.00	$ 18,453.41	$ 274.20*
Receipts									
Sundry Credits						5,310.34			
Transfer from Other Funds		2,524.34*		721.02	721.02*	14,486.00			2,524.34
			$ 10,138.37	$ 4,146.29	$ 25,766.08	$ 28,529.90	$ 27,700.00	$ 18,453.41	$ 2,250.14
Disbursements									
Buildings and Other Plant Improvements			$ 9,800.00	$ 1,065.85	$ 22,267.43	$ 26,377.45	$ 1,568.99	$ 43,903.50	$ 3,591.42
Equipment				138.66		507.10	15,862.90		
Expenditures not Capitalized			338.37	2,928.92	3,150.85	782.18	8,520.81	182.92	34.32
Land	$ 2,000.00								
Total Expenditures	$ 2,000.00		$ 10,138.37	$ 4,133.43	$ 25,418.28	$ 27,666.73	$ 25,952.70	$ 44,086.42	$ 3,625.74
Cash Balance June 30, 1953	$ 2,000.00			$ 12.86	$ 347.80	$ 863.17	$ 1,747.30	$ 25,633.01*	$ 1,375.60*

* Indicates Deduction.

SCHEDULE E-1
INVESTMENT IN PLANT
For Year Ended June 30, 1953

	See Schedule	Total	Campus				Iowa Lakeside Laboratory Lake Okoboji	The Wood Forest & Botanical Preserve Muscatine County
			Buildings (Schedule E-1a)	Equipment (Schedule E-1b)	Land† (Schedule E-1c)	Improvements Other than Buildings (Schedule E-1d)		
Value of Plant June 30, 1952		$38,158,443.02	$21,657,011.43	$10,703,130.59	$ 2,193,386.84	$ 3,412,908.65	$ 191,005.51	$ 1,000.00
Additions								
Educational and General Departments	B-2	711,663.22	92,288.17	510,020.07		106,894.31	2,460.67	
Organized Educational Activities	B-2	314,227.44	17,473.97	290,487.47		6,266.00		
Auxiliary Enterprises—Administration and Replacements		29,917.00		29,917.00				
Auxiliary Enterprises—Operation	B-2	22,139.31	7,409.85	6,076.29		6,955.74	1,697.43	
Stores Departments		3,555.37		3,555.37				
Service Departments		23,509.91	915.66	22,594.25				
Special Restricted Funds—Educational	B-2	127,593.91	7,583.54	120,010.37				
Special Restricted Funds—Non-Educational	B-2	2,049.37		2,049.37				
Agency Funds		6,191.56		6,191.56				
Plant Funds	Exhibit E	888,084.68	744,954.21	16,684.71	2,000.00	124,445.76		
Total Cash Additions		(2,128,931.77)	(870,625.40)	(1,007,586.46)	(2,000.00)	(244,561.81)	(4,158.10)	
Land Sold to Iowa State Highway Commission		2,698.10*			2,698.10*			
Equipment Adjustment		106,036.71*		109,269.90*			3,233.19	
Gifts		15,922.00		15,922.00				
Buildings Adjustment		38,500.00*	38,500.00*					
Value of Plant June 30, 1953 (To Exhibit A)		$40,156,061.98	$22,489,136.83	$11,617,369.15	$ 2,192,688.74	$ 3,657,470.46	$ 198,396.80	$ 1,000.00

† Exclusive of farms held as Endowment Fund Investments (Schedule D-6)
* Indicates Deduction.

SCHEDULE F
SUMMARY OF FUND TRANSACTION
UNIVERSITY BUSINESS OFFICE
For Year Ended June 30, 1953

	Cash Balance Forward July 1, 1952	Receipts			Disbursed	Business Office Cash Balance (Schedule F-2)	State Comptroller Balance or State Warrants on Hand (Schedule F-1)	Total Cash Balance
		From State	Other Sources	Total				
General Operating Fund	$940,264.94	$5,963,316.13	$2,641,711.88	$9,545,292.95	$9,229,955.16	$315,337.79	$ 36,683.87	$352,021.66
Repairs, Replacements & Alterations Fund								
University General	165,544.85	300,000.00	468.58	466,013.43	410,264.84	55,748.59		55,748.59
University Hospital	99,022.15	100,000.00		199,022.15	132,340.36	66,681.79	273,229.22	339,911.01
Iowa Lakeside Laboratory	1,918.10	3,000.00		4,918.10	4,918.10			
Sub-total Repairs, Replacements & Alterations	(266,485.10)	(403,000.00)	(468.58)	(669,953.68)	(547,523.30)	(122,430.38)	(273,229.22)	(395,659.60)
Auxiliary Enterprises								
Athletics	608,158.97		783,227.02	1,391,385.99	916,080.30	475,305.69		475,305.69
Dormitory & Dining Services	322,979.73		2,606,827.09	2,929,806.82	2,511,957.45	417,849.37		417,849.37
Iowa Memorial Union House	133,597.96		354,324.67	487,922.63	7,457.46	480,465.17		480,465.17
Veterans Books & Supplies	10,104.00*		66,158.42	56,054.42	56,054.42			
Operation of Tenant Properties	7,024.98		18,306.99	25,331.97	14,157.83	11,174.14		11,174.14
Student Service & Lakeside Laboratory, etc.	7,615.42*		45,632.61	38,017.19	44,359.31	6,342.12*		6,342.12*
Sub-total Auxiliary Enterprise	(1,054,042.22)		(3,874,476.80)	(4,928,519.02)	(3,550,066.77)	(1,378,452.25)		(1,378,452.25)
Organized Educational & Public Service Activities								
College of Education Research			30,000.00	30,000.00	10,010.74	19,989.26		19,989.26
University Hospital	469,670.23	3,278,020.63	1,777,636.16	5,525,327.02	5,370,280.34	155,046.68		155,046.68
Psychopathic Hospital	119,549.38	312,000.00	81,873.15	513,422.53	440,044.19	73,378.34		73,378.34
Bacteriology Laboratory	6,833.13	135,750.00	42,099.27	184,682.40	181,941.90	2,740.50		2,740.50
Hospital School for Severely Handicapped Children	8,396.86	95,000.00	242.00	103,638.86	100,993.81	2,645.05		2,645.05
State Services for Crippled Children	18,990.18		262,293.32	281,283.50	259,501.44	21,782.06		21,782.06
University Extension Activities	98,092.93		197,458.62	295,551.55	214,193.34	81,358.21		81,358.21
Dramatic Art Laboratory	7,523.10		16,674.10	24,197.20	18,043.49	6,153.71		6,153.71
Iowa Testing Service	115,699.09		109,126.48	224,825.57	178,690.89	46,134.68		46,134.68
Dental Health Education			2,459.72	4,218.72	2,446.50	1,772.22		1,772.22
Concert Course			.20	2,459.72		2,459.72		2,459.72
Summer Session Opera	1,392.17		2,826.55	.20		.20		.20
Student Publications	11,484.22*		149,999.09	138,514.87	142,328.41	3,813.54*		3,813.54*
Sub-total Organized Education Activities	(834,662.85)	(3,820,770.63)	(2,672,688.66)	(7,328,122.14)	(6,918,475.05)	(409,647.09)		(409,647.09)

* Indicates deduction or overdraft.

SCHEDULE F—Continued

SUMMARY OF FUND TRANSACTIONS
UNIVERSITY BUSINESS OFFICE
For Year Ended June 30, 1953

	Cash Balance Forward July 1, 1952	Receipts			Disbursed	Business Office Cash Balance (Schedule F-2)	State Comptroller Balance or State Warrants on Hand (Schedule F-1)	Total Cash Balance
		From State	Other Sources	Total				
Stores Service & Revolving Funds								
Stores & Service Departments	71,418.64		2,892,143.85	2,963,562.49	2,709,965.33	253,597.16		253,597.16
Other Revolving Accounts	17,257.48		694,915.56	742,173.04	635,055.41	107,117.63		107,117.63
Sub-total Stores Service & Revolving Funds	(118,676.12)		(3,587,059.41)	(3,705,735.53)	(3,345,020.74)	(360,714.79)		(360,714.79)
Current Restricted Funds (Schedule F-1a)	742,487.14		1,723,617.97	2,466,105.11	1,730,818.42	735,286.69		735,286.69
Student Loan Fund	$ 88,090.21		$ 43,912.67	$132,002.88	$ 42,669.74	$ 89,333.14		$ 89,333.14
Agency Funds								
Fraternity Affairs	458.05		551,552.74	552,010.79	550,978.64	1,032.15		1,032.15
Student Organizations	40,809.59		129,660.92	170,470.51	132,643.74	37,826.77		37,826.77
Alumni Association	3,714.07		22,285.94	26,000.01	18,731.01	7,269.00		7,269.00
Federal and State Tax Withheld	206,346.41		1,861,786.80	2,068,133.21	1,973,708.29	94,424.92		94,424.92
Surety and Safe Keeping Deposits	16,177.35		64,969.69	81,147.04	65,160.26	15,986.78		15,986.78
Medical Service Funds	361,557.22		907,014.91	1,268,572.13	874,902.57	393,669.56		393,669.56
Blue Cross and TIAA Premium and War Bonds Withheld	40,671.21		720,388.22	761,059.43	716,773.76	44,285.67		44,285.67
Memorial Union Corporation	835.56		150.00	985.56	2.20	983.36		983.36
Western Review	3,351.64		4,630.01	7,981.65	4,960.48	3,021.17		3,021.17
ROTC Unit, Etc.	2,696.30		49,401.59	52,097.89	49,463.67	2,634.22		2,634.22
Sub-total Agency	(676,617.40)		(4,311,840.82)	(4,988,458.22)	(4,387,324.62)	(601,133.60)		(601,133.60)
Plant Improvement Funds								
49th General Assembly	33,554.45			33,554.45	26,050.44	7,504.01		7,504.01
51st General Assembly	267,803.20	$ 13,226.36	6,165.12	287,194.68	289,240.21	2,045.53*		2,045.53*
52nd General Assembly	274,471.27	20,125.44	1,317.50	295,914.21	297,635.32	1,721.11*		1,721.11*
53rd General Assembly	126,373.76	40,597.00	862.31	167,833.07	152,562.43	15,270.64		15,270.64
54th General Assembly	101,900.00			101,900.00	92,451.08	9,448.92		9,448.92
Dormitories	2,250.14			2,250.14	5,625.74	3,375.60*		3,375.60*
Library Equipment and Moving	29,912.37			29,912.37	29,551.71	360.66		360.66

Memorial Union	18,153.41			18,453.11	11,086.42	25,633.01*		25,633.01*
Danforth Chapel Construction	8,733.56		19,796.31	28,529.90	27,666.73	863.17		863.17
Equipment & Alterations for Teaching Television	27,700.00			27,700.00	25,952.70	1,747.30		1,747.30
Children's Hospital Alterations	10,138.37			10,138.37	10,138.37			
Sub-total Plant Improvement Funds	(901,290.53)	(73,948.80)	(28,141.27)	(1,003,380.60)	(1,000,961.15)	(2,419.45)		(2,419.45)
Endowment Funds	29,628.47		23,349.06	52,977.53	38,469.50	14,508.03		14,508.03
Total—All Funds	$5,652,241.98	$10,761,035.56	$18,907,267.12	$34,820,547.66	$30,791,284.45	$4,029,263.21	$309,913.09	$4,339,176.30
ANALYSIS OF BUSINESS OFFICE CASH BALANCE								
Cash in Banks and on Hand	$3,950,582.90							$2,522,235.84
Investment of Restricted and Agency Fund	1,701,662.08							1,507,027.37
	$5,652,244.98							$4,029,263.21

* Indicates Deduction

SCHEDULE F-1
SUMMARY OF FUND TRANSACTIONS
WITH STATE COMPTROLLER AND STATE TREASURER
As of June 30, 1953

	Balance Due University Treasurer July 1, 1952	1952-53 Appropriation (54th G. A.)	Allocations	Total Available	Warrants Cashed		Total	State Comptroller Balance or State Warrants on Hand (To Exhibit F)
					1951-52 Warrants	1952-53 Warrants		
A. Funds Handled by State Comptroller								
General Operating Fund		$6,000,000.00		$6,000,000.00		$5,963,316.13	$5,963,316.13	$ 36,683.87†
Repairs, Replacements and Alterations		300,000.00		300,000.00		300,000.00	300,000.00	
Public Services								
University Hospital—Indigent Service								
General Operation		3,466,628.00		3,466,628.00		3,218,889.24	3,218,889.24	247,738.76
Hospital Over-Quota, allocated by counties	$28,098.41		$56,523.44	84,621.85	$28,098.41	31,032.98	59,131.39	25,490.46
Repairs, Replacements and Alterations		100,000.00		100,000.00		100,000.00	100,000.00	
Psychopathic Hospital		312,000.00		312,000.00		312,000.00	312,000.00	
State Bacteriological Laboratory		135,750.00		135,750.00		135,750.00	135,750.00	
Hospital School for Severely Handicapped Children		95,000.00		95,000.00		95,000.00	95,000.00	
Lakeside Laboratory		3,000.00		3,000.00		3,000.00	3,000.00	
Sub-total	(28,098.41)	(4,112,378.00)	(56,523.44)	(4,196,999.85)	(28,098.41)	(3,895,672.22)	(3,923,770.63)	(273,229.22)
Plant Improvements								
General Improvements—51st G. A.	13,226.36			13,226.36	13,226.36		13,226.36	
General Improvements—52nd G. A.	20,125.44			20,125.44	20,125.44		20,125.44	
General Improvements—53rd G. A.	40,597.00			40,597.00	40,597.00		40,597.00	
Sub-total	(73,948.80)			(73,948.80)	(73,948.80)		(73,948.80)	
B. Funds Handled by State Treasurer								
Federal Funds								
State Board of Health		12,060.00	348.29*	11,711.71		9,536.19	9,536.19	2,175.52
Dental Health Education	22.51	7,991.20	6.04*	8,007.67	22.51	7,923.20	7,945.71	61.96
United States Crippled Children's Fund		224,873.00	37,369.82	262,242.82		262,242.82	262,242.82	
Sub-total	(22.51)	(244,924.20)	(37,015.49)	(281,962.20)	(22.51)	(279,702.21)	(279,724.72)	(2,237.48)
Total	$102,069.72	$10,657,302.20	$ 93,538.93	$10,852,910.85	$102,069.72	$10,438,690.56	$10,540,760.28	$312,150.57

* Lapsed

† This Amount transferred by 55th General Assembly for payment of tuition for residents of University Married Student Housing.

SCHEDULE

TRANSACTIONS OF UNIVERSITY

For Year Ended

	General Checking Account			
	First National Bank	Iowa-Des Moines National Bank	Iowa State Bank and Trust Co.	Merchants National Bank
Bank Balance July 1, 1952	$ 942,319.65	$2,613,711.02	$ 640,060.16	$100,000.00
Add:				
Transit Items credited by Business Office in June, 1952 and by Banks in July, 1952	12,652.29	58,992.84	8,144.84	
Bank Deposits 1952-53	6,743,978.11	16,137,232.43	6,488,228.43	
Total Credits 1952-53	$7,698,950.05	$18,809,936.29	$7,136,433.43	$100,000.00
Deduct:				
Checks Paid by Banks 1952-53	6,787,756.00	17,298,826.87	6,367,213.14	
Transit Items credited by Business Office in 1952-53 and by Banks in 1953-54				
Bank Balances June 30, 1953	911,194.05	1,511,109.42	769,220.29	100,000.00
Deduct:				
Checks Outstanding June 30, 1953	277.06	862,970.43		
Add:				
Investment of Restricted and Agency Fund Transit Items Credited by Business Office in 1952-53 and by Banks in 1953-54				
Cash and Items on Hand June 30, 1953				
Total Balances (See Exhibit F)	$ 910,916.99	$ 648,138.99	$ 769,220.29	$100,000.00

F-2

TREASURER WITH DEPOSITORIES

June 30, 1953

Total	Revolving Advanced Funds				Endowment Fund	Total All Funds
	First National Bank		Other	Total		
	University Cashier	Hospital Cashier			Iowa-Des Moines Natl. Bank	
$4,296,090.83	$ 490,011.19	$ 964.27		$ 490,975.46	$29,628.47	$4,816,694.76
79,789.97						79,789.97
29,369,438.97	4,880,876.08	114,691.88		4,995,567.96	20,442.06	34,385,448.99
$33,745,319.77	$5,370,887.27	$115,656.15		$5,486,543.42	$50,070.53	$39,281,933.72
30,453,796.01	5,370,887.27	115,656.15		5,486,543.42	38,469.50	35,978,808.93
3,291,523.76					11,601.03	3,303,124.79
863,247.49						863,247.49
			$1,507,027.37			1,507,027.37
					2,907.00	2,907.00
			79,451.54			79,451.54
$2,428,276.27			$1,586,478.91		$14,508.03	$4,029,263.21

APPENDIX I

UNIVERSITY STAFF

ACADEMIC YEAR 1952-53

Includes all regular positions both 9 and 12 payment basis, and part time casual jobs filled by students and other temporary employees

	Full Time	Part Time	Total
I. REGULAR BUDGET POSITIONS			
A. General University			
1. Teaching and Research Staff			
Professors	139	14	153
Associate Professors	139	9	148
Assistant Professors	143	2	145
Lecturers, Associates and Research Associates	56	8	64
Instructors and Demonstrators	118	64	182
Assistants in Instruction	45	8	53
Student Assistants in Instruction and Research	27	504	531
	(667)	(609)	(1276)
2. Administrative Staff			
General Administrative Officers	15		15
Deans and Directors	18	1	19
Administrative Assistants	101	6	107
	(134)	(7)	(141)
3. Library Staff	28	3	31
4. Clerical, Stenographic and Secretarial Staff	422	60	482
5. General Service Staff	79	9	88
6. Craftsmen, Custodial and Food Service	497	63	560
7. Non-Teaching Professional	94	43	137
B. University Hospital	1,018	335	1,353
C. Psychopathic Hospital	68	55	123
D. State Hygienic Laboratory	41	4	45
E. United States Crippled Children	43	4	47
F. Hospital School for Severely Handicapped Children	17	13	30
	3,108	1,205	4,313

II. PART TIME STUDENT HELP
(Exclusive of Board and other Non-cash Jobs)

A total of 3,090 students were employed during the year on a part-time basis. Some of this number are included in Section I above.

Section I is the staff count as of May, 1953.

Section II is the count from the Annual Student Aid Report.

APPENDIX II

STUDENT ENROLLMENT

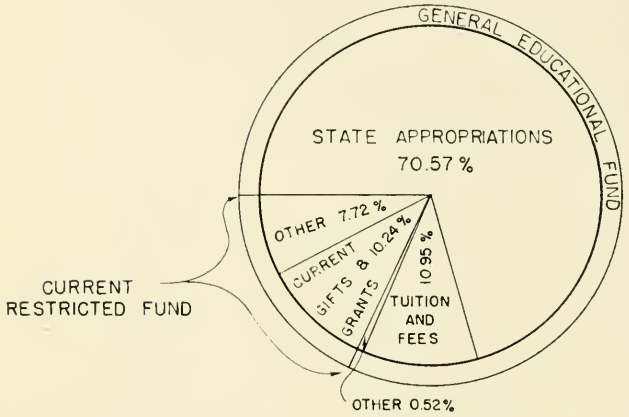
For Year Ended June 30, 1953

	Summer Session 1952			Academic Year 1952-53			Total		
				September to May			Excluding Duplicates		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
I. UNIVERSITY LEVEL									
Students in Residence									
College of Commerce	80	8	88	404	45	449	447	46	493
College of Dentistry				206	2	208	207	2	209
College of Engineering	51		51	382	3	385	398	3	401
Graduate College	1,738	600	2,338	1,302	398	1,700	2,482	919	3,401
College of Law	99	4	103	190	7	197	216	7	223
College of Liberal Arts	393	337	730	2,340	1,360	3,700	2,500	1,603	4,103
College of Medicine				442	10	452	442	10	452
College of Nursing	4	261	265	5	421	426	5	471	476
College of Pharmacy	23	3	26	170	15	185	171	16	187
Total (Excluding Duplicates)	2,388	1,213	3,601	5,304	2,226	7,530	6,690	3,032	9,722
Students Enrolled by Correspondence Study or by Projected Registration									
*Graduate Projected Registration							205	48	253
*Graduate Correspondence Study							1,430	2,897	4,327
*Undergraduate Correspondence Study							708	937	1,645
Total (Excluding Duplicates)							2,333	3,877	6,210
Total Different Students Enrolled for Study in Residence, for Correspondence Study, or by Projected Registration							8,816	6,487	15,303

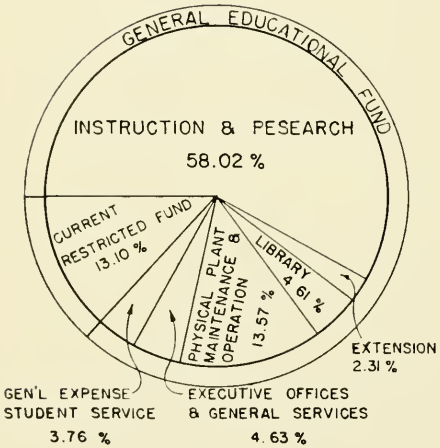
II. EXPERIMENTAL SCHOOLS AND NON-COLLEGIATE									
Elementary School	82	78	160	99	109	208	129	128	257
High School				137	123	260	137	123	260
Practical Music Only	98	120	218	80	85	165	100	125	225
Junior Music	46	50	96				46	50	96
Speech Clinic	32	25	57	141	53	194	167	76	243
Summer Management	99	1	100				99	1	100
Reading Clinic	12		12	11	1	12	17	1	18
Totals	369	274	643	468	371	839	695	504	1,199

* Enrollment Compiled on Annual Basis

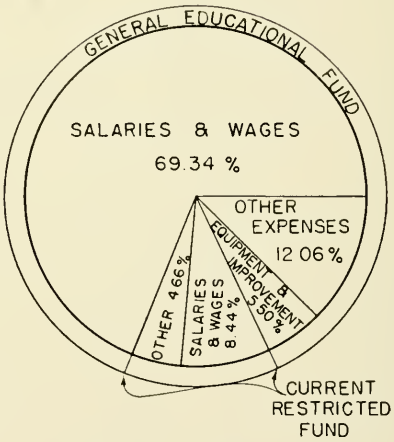
THE EDUCATIONAL OPERATING DOLLAR
1953 - 54



WHERE IT CAME FROM



HOW IT WAS SPENT
BY DEPARTMENT



HOW IT WAS SPENT
BY SUBJECT

FINANCIAL REPORT OF THE STATE UNIVERSITY OF IOWA

For the Year Ended June 30, 1954

REPORT OF THE SECRETARY AND THE TREASURER

Receipts and Disbursements of all Funds
From July 1, 1953 to June 30, 1954

FINANCIAL SUMMARY

The accounts of the University are handled by fund groups. Each of these fund groups is kept separate and distinct, is independent and self-balancing and carefully controlled so that each is rigorously segregated with respect to the specific purposes to which each applies. The following is a brief explanation and summary of the operation of each of these fund groups. The detailed analysis of assets, commitments, reserves, balances, income and expenditures are contained in the Exhibits and Schedules following the Summary.

CURRENT FUNDS FOR EDUCATIONAL PURPOSES

The current budgeted income for educational purposes is handled through two funds: the General Educational Fund and the Current Restricted Fund. The General Educational Fund includes revenues from state appropriations, student fees and tuition, sales and miscellaneous receipts which are available for General University Operations, and the special state appropriation for repairs, replacements, alterations or equipment. The Current Restricted Fund receives revenue from outside agencies or persons, also special income from medical fees and other sundry income, all of which is expendable for special restricted purposes.

For the year ended June 30, 1954, the income is summarized as follows: (Schedule B-1)

		Per Cent
I. General Educational Fund		
State Appropriations	$ 7,679,500.00	70.57
Student Fees and Tuition	1,191,745.87	10.95
Sales and Other Income	56,490.14	.52
Sub-total General Fund	(8,927,736.01)	(82.04)
II. Restricted Funds for Educational Purposes		
Endowment Fund Income	11,881.70	.11
Current Gifts and Grants	1,113,855.24	10.24
Other Restricted Income	82,803.17	7.61
Sub-total Restricted Income	(1,955,540.11)	(17.96)
Total	$10,883,276.12	100.00

Expenditures from the General Educational Fund are summarized as follows: (Schedule B-2)

By Department		
Instruction and Research	$ 6,179,740.12	58.02
University Extension	245,567.59	2.31
Library	491,115.88	4.61
Operation and Maintenance of Physical Plant	1,445,152.17	13.57
Executive Offices	44,038.41	.41
General Services	449,647.48	4.22
General Expenditures and Student Service	400,324.14	3.76
Total	$ 9,225,585.79	(86.90)
By Object		
Salaries and Wages	$ 7,385,436.90	69.34
Other Expense	1,285,178.48	12.06
Equipment Replacement and Improvements	584,970.41	5.50
Total	$ 9,255,585.79	(86.90)

Expenditures from the Current Restricted Fund for Educational Purposes are summarized as follows: (Schedule B-2)

Salaries and Wages	$ 899,094.40	8.44
Other Expense	363,545.40	3.41
Equipment Replacement	132,730.11	1.25
Total	$ 1,395,369.91	(13.10)
Total Education and Research	$10,650,955.70	100.00

Balances—General Operation (Exhibit A)

The University closed its accounts as of June 30, 1954 with a balance available of $135,388.69 and a State Comptroller's balance of $150,000.00. In addition to this balance available committed amounts were as follows:

Orders and Contracts in Process	$ 50,693.54

Balances—Repairs, Replacements, Alterations or Equipment (Exhibit A)

The University closed its accounts as of June 30, 1954 with a balance available of $34,920.79. In addition to this balance available committed amounts were as follows:

General University	
Orders and Contracts in Process	$ 74,050.69.

The Operation of Organized Educational Activities

These are departments which operate upon special income in the interest of education and public service Their operating results are summarized as follows:

	Income	*Expenditures*
University Hospital		
State Appropriation		
Indigent Patients within Quota	$3,635,796.12	
Indigent Patients excess Quota	57,280.69	
Repairs, Replacements, Alterations or Equipment	315,000.00	
Other Income	1,622,453.30	
Total Hospital	$5,630,530.11	$5,820,089.14
Psychopathic Hospital		
State Appropriation		
General Operation	$ 302,000.00	
Repairs, Replacements, Alterations or Equipment	18,400.00	
Other Income	60,330.49	
Total Psychopathic Hospital	$ 380,730.49	$ 438,117.48
State Bacteriological Laboratory		
State Appropriation		
General Operation	$ 180,100.00	
Repairs, Replacements, Alterations or Equipment	18,200.00	
Other Income	41,367.44	
Total Bacteriological Laboratory	$ 239,667.44	$ 223,801.95
Hospital School for Severely Handicapped Children		
State Appropriation	$ 217,000.00	
Other Income	380.51	
Total Hospital School	$ 217,380.51	$ 213,658.26
State Service for Crippled Children	$ 212,692.63	$ 228,423.42
Student Publications (Daily Iowan, Hawkeye and Programs)	$ 115,231.63	$ 140,719.21
College of Engineering (Iowa Transit)	$ 4,915.02	$ 4,896.22
Conferences and Short Courses	$ 26,442.73	$ 25,070.91
College of Dentistry		
Dental Health Education and Dental Hygiene Bulletin	$ 9,784.35	$ 9,709.12
Dental Clinic	$ 54,747.81	$ 53,559.17
Extension Division Activities		
Audio-Visual Instruction, Correspondence, Study, Educational Research Bureau	$ 212,548.71	$ 230,451.72
College of Liberal Arts		
Dramatic Art Laboratory	$ 5,911.30	$ 12,814.75
Dramatic Art Laboratory Summer	$ 2,680.00	$ 5,540.80
Summer Opera	$ 3,317.50	$ 3,593.85
Concert Course	$ 1,858.50	$ 7,335.89
College of Education		
Education Research	$ 15.08	$ 15,718.17
Iowa Testing Programs	$ 158,270.62	$ 197,266.14

AUXILIARY ENTERPRISES

Dormitories and Dining Services

Net Operating Income			$ 281,061.39
Add Balance			324,014.37
Total Available Dormitory Funds			$ 605,075.76
These available funds were applied as follows:			
Expended for major repairs and replacements in dormitories		$ 183,821.71	
Paid on Dormitory Note Principal		200,000.00	
Interest on Dormitory Notes		28,890.59	
		(412,712.30)	
Non-Cash Adjustments		350.99*	412,361.31
Total Cash Balance from Operation as of June 30, 1954			$ 192,714.45
Less Orders and Commitments in Process			124,164.13
Net Balance June 30, 1954			$ 68,550.32

Tenant Properties

Cash Balance July 1, 1953			$ 11,174.14
Income		$ 22,874.07	
Expenditures for Operation	$ 13,032.54		
Expenditures for Purchase of Land	13,176.02	26,208.56	3,334.49
Cash Balance June 30, 1954			$ 7,839.65

Iowa Memorial Union	*Dining Service*	*Lounge Room*	*Special Student Fee Fund*
Cash Balance July 1, 1953		$ 1,245.46	$ 479,219.71
Income	$ 202,038.20	6,983.81	112,098.00
Transfer from Student Activity Fees			21,303.00
Total Available	$ 202,038.20	$ 8,229.27	$ 612,620.71
Expenditures	196,529.26	6,034.98	11,966.85
Transfer to Plant Fund for Union Addition			568,487.97
Total	$ 196,529.26	$ 6,034.98	$ 580,454.82
Cash Balance June 30, 1954	$ 5,508.94	$ 2,194.29	$ 32,165.89
Less Orders in Process	2,429.90		18,619.88
Net Balance June 30, 1954	$ 3,079.04	$ 2,194.29	$ 13,546.01

Intercollegiate Athletics

Cash Balance July 1, 1953			$ 475,305.69
Income			691,849.80
Transfer from Student Activity Fees			56,808.00
Total Available			$1,223,963.49
Expenditures for Operation		$ 557,311.73	
Expenditures for Plant Improvements		276,307.51	
Transfers to Other University Departments			
for Activity Scholarships		30,000.00	
for Band Travel		800.00	
for Alumni Service		5,750.00	
for Student Organization		67.19	870,236.43
Cash Balance June 30, 1954			$ 353,727.06
Less Orders and Commitments in Process			171,906.81
Net Balance June 30, 1954			$ 181,820.25

Campus Stores

Cash Balance (Overdraft*) July 1, 1953	$ 12,363.20*
Income	13,991.96
Total Available	$ 1,628.76
Expenditures	13,402.07
Cash Balance (Overdraft*) June 30, 1954	$ 11,773.31*
Add Orders in Process	70.00
Net Balance (Overdraft*) June 30, 1954	$ 11,843.31*

Iowa Lakeside Laboratory

Cash Balance July 1, 1953		$ 3,781.53
Income		5,679.50
Total Available		$ 9,461.03
Expenditures		6,255.27
Cash Balance June 30, 1954		$ 3,205.76
Less Orders in Process		20.00
Net Balance June 30, 1954		$ 3,185.76

University Hospital Coffee Shop

Cash Balance July 1, 1953		$ 2,739.55
Income		54,955.41
Total Available		$ 57,191.96
Expenditures	$ 51,076.43	
Transfer to Hospital Concession Fund	3,000.00	54,076.43
Cash Balance June 30, 1954		$ 3,118.53

Veterans Books and Supplies

Income	$ 43,218.42
Expenditures	$ 43,218.42

Current Restricted Non-Educational Funds

The University received from different sources gifts and endowment income for student prizes, scholarships student aid, student activity and miscellaneous purposes. This is accounted for as current restricted non-educational income. The total received the past year amounted to $397,692.71.

Student Activity Fees

Beginning with the fall semester of 1941-42 the Board of Education authorized the collection of a student activity fee as a part of the general student fee. During 1953-54 the sum of $187,682.76 was available including a balance forward of $17,091.76. The sum of $152,892.56 was allocated to various student activity funds and expenses paid of $2,035.76 leaving a net balance of $32,754.44 carried as a reserve on June 30, 1954.

Student Loan Funds and Other Student Aid

Student Loan Funds were established in 1900 at the University. At present they total $127,208.67 and consist of 26 different funds. They have been established by gifts from alumni, friends and students. Loans are approved by the Student Aid Committee and handled through the University Business Office. In 1953-54 students received loans totaling $49,127.16. Income in the amount of $2,277.16 was collected and added to the fund or to associated accounts. On June 30, 1954, the outstanding loans totaled $34,244.95, cash $92,963.72. (See Exhibit C and Schedule C-1).

Further aid was received by 2,829 students in the form of scholarships, fellowships, and Veterans Administration student fee payments with a total of $513,461.07.

Endowment Funds and Funds Functioning as Endowments

The first endowment fund was established in 1840 from the sale of land from the Federal Government. Other endowments have been received from time to time. Endowment funds are mostly unexpendable, the income being used for the purpose designated in the trust deeds. On June 30, 1954 the Endowment Fund totaled $1,529,372.84 and was invested as follows. (Schedule D-1)

First Mortgage Loans	$ 57,631.40
Bonds	1,044,843.50
Stocks	226,075.00
Real Estate Owned	2,000.00
Farm Sale Contracts	27,115.00
Other Securities	8,205.87
Cash	16,563.54
	$1,382,434.31

Funds Held by Trustees

Held by First National Bank of Iowa City	
Apitz Estate Trust	$ 9,059.12
Held by Iowa State Board of Education	
John F. Murray Endowment Trust	137,879.41
Total Endowment	$1,529,372.84

During the year the endowment principal was decreased $46,361.99 for the following reasons:

Earnings added to Endowment Principal by agreement as Reserve against Loss on Investment		
F. O. Lowden Oratorical Prize Insurance	$ 80.11	
F. O. Lowden Liberal Arts Prize Reserve Fund	58.98	
Bennett Memorial Chapel	401.88	$ 540.97
Additions to Endowments		
Anna Bartsch Dunne Scholarship	$ 5,825.00	
W. O. Finkbine Goodwill Dinner Fund	7,148.53	
Sudhindra Bose Memorial	150.00	
Finkbine Endowment Reserve	10.00	
Class of 1923 Awards in Dentistry	25.00	
F. H. Guldner Scholarship Fund	826.56	
Isabel Demple Scholarship Fund	23,173.30	$ 37,158.39
Deductions from Endowments for:		
Nile Kinnick Scholarships	$ 2,390.00	
Medicine Animal Quarters & Cadaver Storage	80,000.00	
Contingencies	1,671.35	$ 84,061.35
Net Principal Decrease		$ 46,361.99

The net income received on Group Investment was $24,128.01. This was distributed as follows:

To General Operation Fund	$ 6,944.38
To Current Restricted Loan and Agency	16,702.68
To Endowment Principal	480.95
Total Group Investment Net Income	$ 24,128.01
Add: Gross Receipts from Non-Group Investment Securities	17,063.94
Total Endowment Income (Exclusive of Funds Held by Trustees)	$ 41,191.95

Average Gross Rate—$41,191.95 $1,382,434.31—2.98%

Plant Funds

Funds received for major plant improvements and their disposition were as follows: (Exhibit E)

Balance Forward July 1, 1953		$ 2,419.45
Receipts		
State Appropriation	$ 778,117.54	
Transfers from Union Fees	568,487.97	
Sundry Credits	12,743.85	
Transfer from Endowment	80,000.00	
Dormitory Loans	250,000.00	1,689,349.36
Total		$1,691,768.81
Disbursements		
Capital Expenditures—Building and Other Plant Improvements	$ 863,943.34	
Capital Expenditures—Equipment	98,894.93	
Capital Expenditures—Land	3,000.00	
Expenditures Not Capitalized	202,668.48	
Transfer to General Operation	490.41	$1,168,997.16
Cash Balance University Treasurer		$ 522,771.65

State Appropriations for Plant Improvements held by State Comptroller totals $1,464,240.00 (See Exhibit F-1)

Dormitory Indebtedness

During the year $200,000.00 was paid on principal of the Dormitory Loan and new loans of $250,000.00 were made, leaving a net balance of principal unpaid of $1,084,500.00. All interest is paid to date.

Plant Investment

The investment at cost in the Physical Plant of the University after making inventory adjustments and additions as of June 30, 1954 shows the following: (Schedule E-1)

Land (Campus) (720.0268 Acres)	$ 2,217,364.76
Buildings	22,619,183.31
Improvements other than buildings, including service lines, pavements, walks, lighting system, sewers	3,965,624.23
Library Books (825,528 Volumes)	2,514,749.60
Equipment	9,956,668.19
Iowa Lakeside Laboratory—Lake Okoboji (96.34 Acres)	201,899.54
Wood Forest and Botanical Preserve (Muscatine County) (37 Acres)	1,000.00
Total	$41,476,489.63

Agency Funds

Gross receipts from agency funds handled by the University are analyzed as follows:

Student Organizations	$ 127,332.14
All University Student Parties	9,564.17
All University Student Entertainment	3,854.89
Alumni Association	22,366.63
Fraternity Affairs	594,609.75
Safe Keeping Deposits	76,873.00
Medical and Dental Service	986,828.23
Army R.O.T.C. Collections	237.85
Ticket Sales State High School Association	27,005.55
Air R.O.T.C. Collections	840.91
The Western Review	3,478.57
Journal of Bacteriology	3,400.00
Civil War Round Table	5,000.00
Journal of Univ. Film Producers	1,000.00
Employee Payroll Withholdings	3,626,730.41
Total	$5,489,122.10

Enrollment

The enrollment of the University during 1953-54 reached a total of 15,254 different students of college leve (See Appendix II)

Staff

A schedule showing the number on the staff is set forth in Appendix I.

EXHIBIT A

BALANCE SHEET

As of June 30, 1954

ASSETS

I. CURRENT FUNDS			
A. General Educational Funds			
1. General Operation Fund			
Cash		$ 186,082.23	
State Comptroller Balance		150,000.00	
Accounts Receivable—Educational Departments		506.27	
Due from U. S. Government for Veteran's Instruction and U. S. Government Contracts		55,152.14	
Total General Operation		$ 391,740.64	
2. Repairs, Replacements, Alterations or Equipment			
a. General University			
Cash	$ 108,971.48		
Accounts Receivable	528.40		
b. Iowa Lakeside Laboratory			
Cash	1.53	109,501.41	
Total Repairs, Replacements, Alterations or Equipment		$ 109,501.41	
Total General Educational Funds			$ 501,242.05
B. Organized Educational and Public Service Activities			
1. University Hospital			
a. Operation			
Cash		$ 31,580.95*	
Due from State Comptroller			
Excess Quota Patients		27,541.86	
Accounts Receivable		224,943.74	
Total Hospital Operation		(220,904.65)	
b. Repairs, Replacements, Alterations or Equipment			
Cash		28,104.13	
Total Hospital Repairs, Replacements, Alterations or Equipment		(28,104.13)	
c. 54th G. A. Balance			
Cash		33,594.86	
State Comptroller Balance		130,238.76	
Total 54th G. A. Balance		(163,833.62)	
Total University Hospital		$ 412,842.40	

EXHIBIT A—Continued

BALANCE SHEETS

As of June 30, 1954

COMMITMENTS, RESERVES AND BALANCES

I. CURRENT FUNDS			
A. General Educational Funds			
1. General Operation Fund			
Commitments for:			
Orders and Contracts in Process		$ 50,693.54	
Reserves for:			
Accounts Receivable—Educational Departments	$ 506.27		
Due from U. S. Government—Veteran's Instruction	55,152.14	55,658.41	
Balance Available:			
Unallocated Balance	135,388.69		
State Comptroller Balance	150,000.00	285,388.69	
Total General Operation		$ 391,740.64	
(Commitments Chargeable to Future Income, $1,323.38)			
2. Repairs, Replacements, Alterations or Equipment			
a. General University			
Commitments for:			
Orders and Contracts in Process	74,050.69		
Reserve for Accounts Receivable	528.40		
Balance Available	34,920.79		
b. Iowa Lakeside Laboratory			
Balance Available	1.53		
Total Repairs, Replacements, Alterations or Equipment		109,501.41	
Total General Educational Funds			$ 501,242.05
(Commitments Chargeable to Future Income, $272.00)			
B. Organized Educational and Public Service Activities			
1. University Hospital			
a. Operation			
Commitments for Orders and Contracts in Process		$ 17,379.26	
Reserves for:			
Accounts Receivable		224,943.74	
Balance Available			
Deficit Balance		21,418.35*	
Total Hospital Operation		($220,904.65)	
b. Repairs, Replacements, Alterations or Equipment			
Commitments for:			
Orders and Contracts in Process		30,980.26	
Balance Available			
Deficit Balance		2,876.13*	
Total Hospital Repairs, Replacements, Alterations or Equipment		(28,104.13)	
c. 54th G. A. Balance			
Commitments for:			
Orders and Contracts in Process		7,239.05	
Balance Available:			
Unallocated Balance	26,355.81		
State Comptroller Balance	130,238.76	156,594.57	
Total 54th G. A. Balance		(163,833.62)	
Total University Hospital		$ 412,842.40	
(Commitments Chargeable to Future Income, $51,547.18)			

EXHIBIT A—Continued

BALANCE SHEETS

As of June 30, 1954

ASSETS

2. Psychopathic Hospital		
a. Operation		
Cash		$ 14,775.73
State Comptroller Balance		15,095.72
Accounts Receivable		3,022.06
Total Psychopathic Hospital Operation		(32,893.51)
b. Repairs, Replacements, Alterations or Equipment		
Cash		2,221.62
Total Repairs, Replacements, Alterations or Equipment		(2,221.62)
c. 54th G. A. Balance		
State Comptroller Balance		40,190.28
Total 54th G. A. Balance		(40,190.28)
Total Psychopathic Hospital		$ 75,305.41
3. State Bacteriological Laboratory		
a. Operation		
Cash		15,186.51
Accounts Receivable		8,303.20
Total State Bacteriological Laboratory Operation		(23,489.71)
b. Repairs, Replacements, Alterations or Equipment		
Cash		5,595.00
Total State Bacteriological Laboratory Repairs, Replacements, Alterations or Equipment		(5,595.00)
Total State Bacteriological Laboratory		$ 29,084.71
4. Hospital School for Severely Handicapped Children		
Cash		6,315.35
State Comptroller Balance		76,900.00
Total Hospital School		$ 83,215.35

5. Other Organized Educational Activities

	Cash	Inventories	Accounts Receivable	
State Services for Crippled Children	$ 6,051.27			$ 6,051.27
Student Publications	5,493.78	$ 1,765.62†	$ 7,589.65	14,849.05
College of Engineering				
Iowa Transit	792.80			792.80
Conferences and Short Courses	1,371.82			1,371.82
College of Dentistry				
Dental Health Education	62.74*		62.74	
Dental Hygiene Bulletins	2,596.91			2,596.91
Dental Clinic	1,188.64		938.05	2,126.69
Extension Division				
Visual Instruction	50,977.18			50,977.18
Correspondence Study	10,317.76			10,317.76
Educational Research Bureau	5,679.36	31,745.83	2,805.86	40,231.05
College of Liberal Arts				
Dramatic Art Lab	2,136.90			2,136.90
Dramatic Art Lab Summer	1,578.44*			1,578.44*
Summer Opera	1,495.87			1,495.87
Concert Course	33.21			33.21
College of Education				
Education Research	4,276.17			4,276.17
Iowa Testing Program	3,619.88		10,188.19	13,808.07
Total Other Organized Educational Activities	$ 94,390.37	$ 33,511.45	$ 21,584.49	$ 149,486.31
Total Organized Educational and Public Service Activities				$ 749,934.18

* Indicates Deduction.
† Includes $37.00 U. S. Government Bond.

EXHIBIT A—Continued
BALANCE SHEETS
As of June 30, 1954
COMMITMENTS, RESERVES AND BALANCES

2. Psychopathic Hospital				
a. Operation				
Commitments for Orders and Contracts in Process			$ 1,298.40	
Reserve for Accounts Receivable			3,022.06	
Balance Available:				
Allocated Balance	$ 13,477.33			
State Comptroller Balance	15,095.72		28,573.05	
Total Psychopathic Hospital Operation			(32,893.51)	
b. Repairs, Replacements, Alterations or Equipment				
Commitments for Orders and Contracts in Process			465.79	
Balance Available			1,755.83	
Total Psychopathic Hospital Repairs, Replacements, Alterations or Equipment			(2,221.62)	
c. 54th G. A. Balance Available				
State Comptroller Balance			40,190.28	
Total Psychopathic Hospital				$ 75,305.41
3. State Bacteriological Laboratory				
a. Operation				
Commitments for Orders and Contracts in Process			14,197.72	
Reserve for Accounts Receivable			8,303.20	
Balance Available			988.79	
Total State Bacteriological Laboratory Operation			(23,489.71)	
b. Repairs, Replacements, Alterations or Equipment				
Commitments for Orders and Contracts in Process			5,047.16	
Balance Available			547.84	
Total State Bacteriological Laboratory Repairs, Replacements, Alterations or Equipment			(5,595.00)	
Total State Bacteriological Laboratory				29,084 71
4. Hospital School for Severely Handicapped Children				
Commitments for Orders and Contracts in Process			504.53	
Balance Available:				
Unallocated Balance	5,810.82			
State Comptroller Balance	76,900.00		82,710.82	
Total Hospital School				83,215.35

5. Other Organized Educational Activities

	Deferred Income & Commitments In Process	Reserve for Inventories Accts. Rec. & Other Assets	Balance Available	
State Services for Crippled Children	$ 1,129.72		$ 4,921.55	$ 6,051.27
Student Publications	1,529.79	$ 9,355.27	3,963.99	14,849.05
College of Engineering				
Iowa Transit	815.00		22.20*	792.80
Conferences and Short Courses	271.23		1,100.59	1,371.82
College of Dentistry				
Dental Health Education		62.74	62.74*	
Dental Hygiene Bulletins			2,596.91	2,596.91
Dental Clinics	4,309.41	938.05	3,120.77*	2,126.69
Extension Division				
Visual Instruction	4,551.99		46,425.19	50,977.18
Correspondence Study	64.25		10,253.51	10,317.76
Educational Research Bureau	5,728.95	34,551.69	49.59*	40,231.05
College of Liberal Arts				
Dramatic Art Laboratory	129.52		2,007.38	2,136.90
Dramatic Art Lab. Summer	275.15		1,853.59*	1,578.44*
Summer Opera	495.79		1,000.08	1,495.87
Concert Course	176.00		142.79*	33.21
College of Education				
Education Research			4,276.17	4,276.17
Iowa Testing Program	14,747.25	10,188.19	11,127.37*	13,808.07
	$ 34,224.05	$ 55,095.94	$ 60,166.32	$ 149,486.31

Total Other Organized Educational Activities $ 149,486.31

(Student Publication Orders Chargeable to Future Income, $25.00)

Total Organized Educational and Public Service Activities $ 749,934.18

EXHIBIT A—Continued

BALANCE SHEETS

As of June 30, 1954

ASSETS

C. Auxiliary Enterprises

	Cash	Inventories	Accounts Receivable		
Dormitory and Dining Services	$296,055.66	$ 14,652.54	$ 7,719.93	$318,428.13	
Iowa Memorial Union	39,869.12	3,674.57	3,147.13	46,690.82	
Tenant Properties	7,839.65		481.00	8,320.65	
Campus Stores	11,773.31*	12,489.48	101.75	817.92	
Iowa Lakeside Laboratory Housing, Dining and General	3,205.76			3,205.76	
Hospital Coffee Shop	3,118.53	1,439.97		4,558.50	
Intercollegiate Athletics	353,727.06	37,626.02		391,353.08	
	$692,042.47	$ 69,882.58	$ 11,449.81	$773,374.86	
Total Auxiliary Enterprises					$773,374.86

D. Stores, Service and Revolving Funds

General Stores	52,892.56	155,190.83	116.42	208,199.81	
Physical Plant Stores	15,836.49*	135,727.93	6.09	119,897.53	
Physical Plant Coal Inventory	89,274.33	35,725.67		125,000.00	
Postal Stores	802.39	1,197.61		2,000.00	
Drug Stores	3,577.57*	74,865.58		71,288.01	
Hospital Stores	43,162.87	97,286.61		140,449.48	
Animal Account	4,691.81	502.20		5,194.01	
Laundry Service	84,432.67			84,432.67	
Mailing Service	818.58*	996.95	360.47	538.84	
Physical Plant Job System	20,150.86		172.25	20,323.11	
Physiology-Pharmacology Shop	5,500.75	2,811.04		8,311.79	
Printing Service	30,003.46	12,250.51	2,556.49	44,810.46	
Statistical Service	169.58*	17,102.29	344.63	17,277.34	
Storage and Transportation	2,598.93			2,598.93	
Car Pool	1,748.14			1,748.14	
Photographic Service	3,689.34	3,111.05	653.21	7,453.60	
Accounts Receivable Advances	5,893.59*		5,893.59		
Salary or Wage Advances	2,231.68*		2,231.68		
Salary and Wages Refund	281.70			281.70	
Law Revolving Book Account	1,770.33	2,587.28	68.85	4,426.46	
Material Testing Laboratory	508.35			508.35	
U. S. Excess Property Revolving Account	142.30			142.30	
University Sponsored Dinner and Luncheons	2,443.74			2,443.74	
Interest from Investment of Current Restricted and Agency Funds	21,405.66			21,405.66	
	$336,972.70	$539,355.55	$ 12,403.68	$888,731.93	
Total Stores, Service and Revolving Funds					$888,731.93

* Indicates Negative.

EXHIBIT A—Continued
BALANCE SHEETS
As of June 30, 1954
COMMITMENTS, RESERVES AND BALANCES

C. Auxiliary Enterprises

	Deferred Income, Sales Tax Liability & Commitments in Process	Reserve for Inventories Accts. Rec. & Other Assets	Balance Available		
Dormitory and Dining Services	$235,225.27	$ 14,652.54	$ 68,550.32	$318,428.13	
Iowa Memorial Union	21,049.78	6,821.70	18,819.34	46,690.82	
Tenant Properties		481.00	7,839.65	8,320.65	
Campus Stores	70.00	12,591.23	11,843.31*	817.92	
Iowa Lakeside Laboratory Housing, Dining and General	20.00		3,185.76	3,205.76	
Hospital Coffee Shop		1,439.97	3,118.53	4,558.50	
Intercollegiate Athletics	171,906.81	37,626.02	181,820.25	391,353.08	
	$428,271.86	$ 73,612.46	$271,490.54	$773,374.86	
Total Auxiliary Enterprises					$773,374.86

(Athletics Orders Chargeable to future Income $954.11)

D. Stores, Service and Revolving Funds

General Stores	$ 29,301.51	$155,307.25	$ 23,591.05†	$208,199.81	
Physical Plant Stores	5,610.86	135,734.02	21,447.35*†	119,897.53	
Physical Plant Coal Inventory	1,478.44	35,725.67	87,795.89†	125,000.00	
Postal Stores		1,197.61	802.39†	2,000.00	
Drug Stores	8,784.94	74,865.58	12,362.51*	71,288.01	
Hospital Stores	14,524.52	97,286.61	28,638.35†	140,449.48	
Animal Account		502.20	4,691.81	5,194.01	
Laundry Service	17,509.95		66,922.72	84,432.67	
Mailing Service	3.50	1,357.42	822.08*	538.84	
Physical Plant Job System	39,293.86	172.25	19,143.00*	20,323.11	
Physiology—Pharmacology Shop	108.79	2,811.04	5,391.96	8,311.79	
Printing Service	2,401.13	14,807.00	27,602.33	44,810.46	
Statistical Service	695.67	17,446.92	865.25*	17,277.34	
Storage and Transportation	2.75		2,596.18	2,598.93	
Car Pool Operation	15.00		1,733.14	1,748.14	
Photographic Service	4,546.03	3,764.26	856.69*	7,453.60	
Accounts Receivable Advances	194.11	5,893.59	6,087 70*		
Salary or Wage Advances		2,231.68	2,231.68*		
Salary and Wage Refund			281.70	281.70	
Law Revolving Book Account		2,656.13	1,770.33	4,426.46	
Material Testing Laboratory			508.35	508.35	
U. S. Excess Property Revolving Account			142.30	142.30	
University Sponsored Dinners and Luncheons			2,443.74	2,443.74	
Interest from Investment of Current Restricted and Agency Funds			21,405.66	21,405.66	
	$124,471.06	$551,759.23	$212,501.64	$888,731.93	
Total Stores, Service and Revolving Funds					$888,731.93

(Hospital Stores orders chargeable to future Income $55,329.60)

†Includes funds made Available from Other Funds as follows:

	General Educational	University Hospital
General Stores	$173,000.00	
Physical Plant Stores	100,000.00	
Physical Plant Coal Inventory	88,000.00	$ 37,000.00
Postal Stores	2,000.00	
Hospital Stores		90,000.00
Total	$363,000.00	$127,000.00

* Indicates Deduction.

EXHIBIT A—Continued

BALANCE SHEETS

As of June 30, 1954

ASSETS

E. Restricted Funds			
Educational Purposes			
Cash	$1,092,572.85		
Accounts Receivable	77,931.33		
Investments	16,741.00	$1,187,245.18	
(Commitments Chargeable to Future Income, $1,971.65)			
Non-Educational Purposes			
Cash	193,904.43		
Accounts Receivable	1,563.75		
Investments	20,500.00	215,968.18	
Total Restricted Funds			$1,403,213.36
Total Current Funds			$4,316,496.38
II. STUDENTS LOAN FUNDS (Exhibit C)			
Cash Balance (Exhibit F)		92,963.72	
Notes Receivable		34,244.95	
Total Student Loan Funds			$ 127,208.67
III. ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT			
Cash Balance (Exhibit F)		16,563.54	
Investments (Schedule D-1)		1,365,870.77	
Funds Held by Trustees for Benefit of University			
Apitz Estate Trust Fund (Held by First National Bank)		9,059.12	
John F. Murray Endowment Trust (Held by Iowa State Board of Education)			
Principal Account	124,651.50		
Income Account	13,227.91	137,879.41	
Total Endowment Funds and Funds Functioning as Endowment			$1,529,372.84
IV. PLANT FUNDS			
A. Projects in Process			
1. Cash Balance			
University Treasurer (Exhibit F)		522,771.65	
State Comptroller Balance		1,464,240.00	
Total Cash Balance		1,987,011.65	
B. Property and Equipment (Schedule E-1)			
Buildings		22,619,183.31	
Departmental Equipments		12,471,417.79	
Real Estate		2,217,364.76	
Improvement Other Than Buildings		3,965,624.23	
Iowa Lakeside Laboratory		201,899.54	
Wood Forest and Botanical Preserve		1,000.00	
Total Property and Equipment		$41,476,489.63	
Total Plant Funds			$43,463,501.28
V. AGENCY FUNDS			
General			
Cash Balance		469,833.17	
Accounts Receivable		115,802.14	
Investments		6,210.50	
Total Agency Funds			591,845.81
GRAND TOTAL			$50,028,424.98

* Indicates Deduction.

EXHIBIT A—Continued
BALANCE SHEETS
As of June 30, 1954
COMMITMENTS, RESERVES AND BALANCES

E. Restricted Funds			
Educational Purposes			
Commitments for Orders and Contracts in Process	$ 70,735.41		
Reserve for Accounts Receivable and Other Assets	94,672.33		
Balance Available	1,021,837.44	$1,187,245.18	
Non-Educational Purposes			
Commitments for Orders and Contracts in Process	496.17		
Reserve for Accounts Receivable and Other Assets	22,063.75		
Balance Available	193,408.26	215,968.18	
Total Restricted Funds			$1,403,213.36
Total Current Funds			$4,316,496.38
II. STUDENT LOAN FUNDS (Exhibit C)			
Loan Fund Principal		127,208.67	
Total Student Loan Funds			127,208.67

III. ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT

	Held by Trustees	Group Investment	Non-Group Investment	Total
Income Available for:				
General Purposes		$ 395,905.62		$ 395,905.62
Special Purposes	$ 9,059.12	482,252.39	$ 8,822.81	500,134.32
Student Aid	137,879.41	164,674.93	330,778.56	633,332.90
	$ 146,938.53	$1,042,832.94	$ 339,601.37	$1,529,372.84

Total Endowment Funds and Funds Functioning as Endowment $1,529,372.84

IV. PLANT FUNDS

A. Commitments for Orders, Contracts and Projects in Process

	Orders and Contracts in Process	Projects In Process	Total
55th G. A. Appropriation			
Hospital School and Equipment	$ 27,295.64	$ 2,354.15	$ 29,649.79
Remodel for Polio	3,617.45	128,933.18	132,550.63
Medical Research Center	29,392.17	868,848.51	898,240.68
Boiler Replacement	249,487.40	64,510.79	313,998.19
Steam Distribution Replacement	47,728.53	206,701.05	254,429.58
Sewers		35,000.00	35,000.00
Contingent Fund Chemistry Fire Damage	118,756.49	10,512.95	129,269.44
Medical Laboratory Animal Quarters	5,927.80	38,780.63	44,708.43
Dormitory Expansion	299,535.98	291,169.99*	8,365.99
Iowa Memorial Union Addition	607,986.88	467,187.96*	140,798.92
Total Commitments	$1,389,728.34	$ 597,283.31	$1,987,011.65

B. Invested in Plant and Equipment			
From Gifts	$7,016,881.30		
From Earnings	7,168,503.18		
From State	26,206,605.15	$40,391,989.63	
Dormitory Notes Payable		1,084,500.00	
Total Property and Equipment		41,476,489.63	
Total Plant Funds			$43,463,501.28
V. AGENCY FUNDS			
Commitments for Orders and Contracts		409,302.81	
Reserve for Accounts Receivable and Other Assets		122,012.64	
Balance Available		60,530.36	
Total Agency Funds			591,845.81
GRAND TOTAL			$50,028,424.98
† Orders and Contracts	$ 1,639.97		
Liability for Tax Withheld and Employee Programs	388,963.64		
Liability for Safekeeping Deposits	18,699.20		
	$409,302.81		

EXHIBIT B
CURRENT INCOME AND EXPENDITURES BY FUNDS
For Year Ended June 30, 1954

	Total	Educational General Fund	Educational Restricted Fund	Organized Educational & Public Service Activities	Auxiliary Enterprises	Non-Educational Restricted Fund
INCOME (Schedule B-1)						
State Appropriations						
For General Operation	$ 7,037,000.00	$7,037,000.00				
For Repairs, Replacements and Alterations	990,800.00	639,200.00		$ 351,600.00		
Iowa Lakeside Laboratory	3,300.00	3,300.00				
Public Service	4,392,176.81			4,392,176.81		
Student Fees and Veterans' Cost of Instruction (Net)	1,191,745.87	1,191,745.87				
Handling Charge on Veterans' Books and Supplies and Administrative Allowance	10,808.93	10,808.93				
Sales and Service—Educational Departments	31,736.83	31,736.83				
Endowment Income						
Income from Invested Funds	40,956.03	6,944.38	$ 11,881.70			$ 22,129.95
Gifts and Restricted Income						
Private Gifts	514,373.36	7,000.00	356,151.90			151,221.46
U. S. Government Contracts and Appropriations	1,022,375.44		757,703.34	219,701.68	$ 43,218.42	1,752.00
Other Income	6,350,034.96		829,803.17	2,313,245.94	2,984,396.55	222,589.30
Total Combined Income	$21,585,308.23	$8,927,736.01	$1,955,540.11	$ 7,276,724.43	$3,027,614.97	$ 397,692.71
EXPENDITURES (Schedule B-2) (1)						
Educational						
General University Departments	9,255,585.79	9,255,585.79				
Restricted	1,395,369.91		1,395,369.91			
Organized Educational and Public Activities	7,630,776.20			7,630,776.20		
Auxiliary Enterprises	2,504,278.50				2,504,278.50	
Other Non-Educational	238,740.21					238,740.21
Total Combined Expenditures	$21,024,750.61	$9,255,585.79	$1,395,369.91	$7,630,776.20	$2,504,278.50	$ 238,740.21
Income over Expenditures (Under*)	$ 560,557.62	$ 327,849.78*	$ 560,170.20	$ 354,051.77*	$ 523,336.47	$ 158,952.50

(1) Includes 1953-54 payments chargeable to 1952-53 budget but paid after June 30, 1953.
Excludes 1954-55 payments chargeable to 1953-54 budget but paid after June 30, 1954.

EXHIBIT B—Continued
CURRENT INCOME AND EXPENDITURES BY FUNDS
For Year Ended June 30, 1954
Summary of Current Fund Cash Balances

	Total	Educational General Fund	Educational Restricted Fund	Organized Educational & Public Service Activities	Auxiliary Enterprises	Non-Educational Restricted Fund
Cash Balances July 1, 1953						
University Treasurer—Operation	$2,838,723.82	$ 315,337.79	$ 597,496.38	$ 409,647.09	$1,378,452.25	$ 137,790.31
University Treasurer—Repairs, Replacements and Alterations	122,430.38	55,748.59		66,681.79		
State Comptroller	309,913.09	36,683.87		273,229.22		
State Department of Health	2,237.48			2,237.48		
Total	(3,273,304.77)	(407,770.25)	(597,496.38)	(751,795.58)	(1,378,452.25)	(137,790.31)
Add: Income Over Expenditures (Under*)	560,557.62	327,849.78*	560,170.20	354,051.77*	523,336.47	158,952.50
Sale of Dormitory Assets	12,586.54				12,586.54	
Transfers from Other Funds and Accounts	531,106.75	64,648.19	160,938.68	49,773.40	204,168.79	51,577.69
Received in Dormitory Revolving Accounts	15,209.77				15,209.77	
Received in Veterans' Administration Contract Accounts	187,500.48	187,500.48				
State Comptroller Balances not Drawn	164,686.00	150,000.00		14,686.00†		
	$1,471,647.16	$ 74,298.89	$ 721,108.88	$ 289,592.37*	$ 755,301.57	$ 210,530.19
Deduct: Dormitory Notes and Interest Paid	228,890.59				228,890.59	
Dormitory Repairs and Replacements and Major Building Repair	183,821.71				183,821.71	
Athletic Department Repairs, Improvement and Equipment	276,307.51				276,307.51	
Disbursed from Dormitory Revolving Accounts	5,703.56				5,703.56	
Reverted to State General Revenue	381.98	330.03		51.95		
Transfer to Other Funds and Accounts	1,118,130.71		226,032.41	3,519.28	734,162.95	154,416.07
Tuition Iowa City Schools	36,683.87	36,683.87				
Tenant Property Land Purchased	13,176.02				13,176.02	
Undistributed Departmental Overhead	350.99*				350.99*	
	$1,862,744.96	$ 37,013.90	$ 226,032.41	$ 3,571.23	$1,441,711.35	$ 154,416.07
Cash Balances June 30, 1954 (Exhibit A and Exhibit F)	$2,882,206.97	$ 445,055.24	$1,092,572.85	$ 458,631.98	$ 692,042.47	$ 193,904.43

* Indicates Negative Amount. † Psychopathic Hospital

55th G. A. Operation	$ 15,095.72
54th G. A. Balance	40,190.28
Hospital School	
55th G. A. Operation	76,900.00
University Hospital	
54th G. A. Balance Drawn	117,500.00*
	$ 14,686.00

SCHEDULE B-1

CURRENT INCOME BY SOURCE

For Year Ended June 30, 1954

I. EDUCATIONAL AND GENERAL INCOME		
State Appropriation (Schedule F-1)		
General Operation	$7,037,000.00	
Repairs, Replacements, Alterations or Equipment		
University	639,200.00	
Iowa Lakeside Laboratory	3,300.00	$7,679,500.00
Student Fees		
Net Tuition and Fees	1,114,201.10	
Veterans' Cost of Instruction	77,544.77	1,191,745.87
Handling Charge on Veterans' Books and Supplies and Administrative Allowance		10,808.93
Gifts		7,000.00
Sales and Services		31,736.83
Interest—Permanent Land Fund		6,944.38
Total Educational and General Income		$8,927,736.01
II. INCOME FOR SPECIAL RESTRICTED EDUCATIONAL PURPOSES		
Endowment Income—From Investments		$ 11,881.70
Grants from United States Government		757,703.34
Gifts		356,151.90
Other Income		829,103.17
Total Special Restricted Educational Income (To Exhibit B)		$1,954,840.11

III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES

	State Appropriation	Other Income	Total
University Hospitals	$4,008,076.81†	$1,622,453.30	$5,630,530.11
Psychopathic Hospital	320,400.00	60,330.49	380,730.49
State Bacteriological Laboratory	198,300.00	41,367.44	239,667.44
State Services for Crippled Children		212,692.63	212,692.63
Hospital School for Severely Handicapped Children	217,000.00	380.51	217,380.51
Dental Hygiene Bulletins and Dental Health		9,784.35	9,784.35
Student Publications (Daily Iowan, Hawkeye, Magazine and Programs)		115,231.63	115,231.63
Dental Clinic		54,747.81	54,747.81
Transit Board		4,915.02	4,915.02
Short Courses and Conferences		26,442.73	26,442.73

† Includes Excess Quota Patients Charged to Counties by State Comptroller totaling $57,280.69, Repairs Replacements and Alterations of $197,500.00 and 54th G. A. Balance of $117,500.00.

SCHEDULE B-1—Continued

CURRENT INCOME BY SOURCE

For Year Ended June 30, 1954

	State Appropriation	Other Income	Total
III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES (Cont'd.)			
Concert Course		$ 1,858.50	$ 1,858.50
Iowa Testing Program		158,270.62	158,270.62
Dramatic Art Laboratory		5,911.30	5,911.30
Dramatic Art Laboratory—Summer Session		2,680.00	2,680.00
Extension Division Activities		212,548.71	212,548.71
Summer Session Opera		3,317.50	3,317.50
College of Education Research		15.08	15.08
Total Organized Educational and Public Service Activities (To Exhibit B)	$4,743,776.81	$2,532,947.62	$7,276,724.43
IV. AUXILIARY ENTERPRISES			
Dormitory House Operation—Single Students		$ 545,396.81	
Dormitory House Operation—Married Students		408,071.78	
Dormitory Dining Service Operation		854,921.64	
Dormitory Services for Students		65,535.57	
Iowa Memorial Union		321,120.01	
Tenant Property		22,874.07	
Veterans' Books and Supplies		43,218.42	
Iowa Lakeside Laboratory		5,679.50	
Campus Stores		13,991.96	
Intercollegiate Athletics		691,849.80	
University Hospital Coffee Shop		54,955.41	
Total Auxiliary Enterprises			$3,027,614.97
V. NON-EDUCATIONAL RESTRICTED INCOME			
For Scholarships, Prizes, Student Aid and Miscellaneous			
Endowment Income—From Investments		$ 22,129.95	
Grants from United States Government		1,752.00	
Gifts		151,221.46	
Other Income		222,589.30	
Total Non-Educational Restricted Income (To Exhibit B)			$ 397,692.71

SCHEDULE B-2
CURRENT EXPENDITURES BY FUNCTION AND OBJECT
For Year Ended June 30, 1954

	Total	Salaries	Wages	Office	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment and Improvements (To Schedule E-1)
I. GENERAL EDUCATIONAL FUND EXPENDITURES										
Executive Offices and General Services										
Executive Offices	$ 43,743.56	$ 38,326.93		$ 1,781.43	$ 765.66	$ 1,524.97	$ 677.03	$ 330.04		$ 337.50
General Services	442,131.31	265,662.97	$ 18,843.49	98,941.10	26,416.20	7,518.68	12,038.95	3,876.33	$3,845.02	4,988.57
General Expense	220,964.81	87,174.68	2,672.47	27,551.22	48,810.37	15,728.81	27,332.08	1,194.49	9,611.43	889.26
Student Service	175,661.49	150,529.67	4,679.15	2,534.53	974.02	2,089.05	9,176.02	947.25	3,978.86	752.94
Total Executive Offices and General Services	(882,501.17)	(541,694.25)	(26,195.11)	(130,808.28)	(76,966.25)	(26,861.51)	(49,224.08)	(6,348.11)	(17,435.31)	(6,968.27)
Instruction and Departmental Research										
College of Liberal Arts	2,483,375.47	2,252,236.01	23,322.44	26,450.48	8,064.94	12,140.87	81,432.70	24,237.73	5,203.23	50,287.07
College of Engineering	294,177.05	257,282.11	5,944.03	3,688.12	2,587.12	982.09	7,227.67	2,779.64	56.15	13,630.12
College of Education	326,109.27	285,302.33	6,554.99	5,391.51	2,212.91	2,876.36	12,195.05	2,104.20	1,098.30	8,373.62
College of Commerce	237,861.81	225,038.79	1,319.51	2,316.86	327.05	848.51	2,573.36	1,140.16	25.00	4,272.57
College of Law	148,895.66	130,353.16	3,329.49	1,869.43	10,321.78	1,086.88	693.63	254.99	744.50	241.80
Graduate College	140,404.30	103,206.11	1,998.48	3,369.21	12,994.72	1,151.66	7,335.67	1,599.07	4,318.18	4,431.20
College of Medicine	1,208,173.13	1,132,102.57	3,065.21	7,472.15	4,973.40	3,580.71	46,708.55	7,849.54	614.27	1,806.73
College of Dentistry	296,147.45	292,357.54		1,270.34	73.22	657.28	44.27	1,430.37	314.43	
College of Pharmacy	74,306.23	65,189.26	288.44	629.31	578.42	551.62	3,473.69	785.98		2,809.51
College of Nursing	146,932.23	140,320.35		2,175.60	182.79	1,354.15	1,298.54	170.80	1,430.00	
Summer Session	315,738.14	298,140.46	1,944.25	1,370.05	1,150.61	1,227.69	2,564.40	322.18	8,874.10	144.40
Bureau of Business & Economic Research	41,668.28	33,873.54	241.73	1,046.79	2,311.80	1,490.45	1,218.27	318.95	559.00	607.75
Bureau of Labor & Industrial Management	11,506.60	9,663.84	182.43	281.83	680.45	366.68	320.44	154.93		144.00*
Examination Service	32,103.41	24,189.11	843.63	1,861.69	471.61	493.60	2,962.40	936.37		345.00
Child Welfare Research	146,553.79	135,950.06	276.72	1,930.37	1,101.52	1,267.49	4,842.16	698.72	475.17	11.58
Institute of Public Affairs	52,748.76	42,595.32	348.56	1,420.05	3,998.98	1,424.64	1,521.51	260.54	1,179.16	
Television Teaching	153,969.47	46,150.59	760.31	1,543.14	46.31	3,107.01	12,117.19	4,094.49	585.48	85,564.95
Institute of Gerontology	1,978.42	367.20	261.56	76.71	790.18		136.77		346.00	
Total Instruction and Departmental Research	(6,112,649.47)	(5,474,318.35)	(50,681.78)	(64,163.64)	(52,867.81)	(34,607.69)	(188,666.27)	(49,138.66)	(25,822.97)	(172,382.30)

Extension	235,378.26	150,436.56	12,091.57	5,242.55	8,555.27	5,769.30	19,483.53	1,397.90	23,348.06	9,053.52
Libraries	351,767.58	261,255.08	43,496.84	6,504.64	1,260.95	1,343.70	11,856.07	1,737.51	5,108.87	19,203.92
Operation and Maintenance of Physical Plant	1,084,343.76	43,602.44	778,789.16	3,473.46	924.55	792.37	219,493.25	20,923.06	7,531.34	8,814.13
Repairs, Replacements Alterations or Equipment										
University	585,647.08†		2,875.76	1,403.69	24.76	13.69	71,433.24	144,039.24	506.90	365,349.80
Iowa Lakeside Laboratory	3,298.47							100.00		3,198.47
Total General Educational Fund (To Exhibit B)	$9,255,585.79	$6,471,306.68	$914,130.22	$211,596.26	$140,599.59	$ 69,388.26	$560,156.44	$223,684.48	$ 79,753.45	$584,970.41

* Indicates Deduction.

† Department Classification:

Executive Offices	$ 294.85
General Services	7,516.17
General Expense & Student Service	3,697.84
Instruction and Research	67,090.65
Extension Division	6,890.86
Library Books	139,348.30
Physical Plant	10,401.06
Repairs, Replacements, Alterations or Equipment	350,407.35
	$585,647.08

SCHEDULE B-2—Continued

CURRENT EXPENDITURES BY FUNCTION AND OBJECT

For Year Ended June 30, 1954

	Total	Salaries	Wages	Office	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment and Improvements (To Schedule E-1)
II. SPECIAL EDUCATIONAL RESTRICTED EXPENDITURES (To Exhibit B)	$1,395,369.91	$850,051.27	$ 49,043.13	$ 15,729.30	$ 6,485.35	$ 76,102.29	$200,883.75	$ 14,218.03	$ 50,126.68	$132,730.11
III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES										
University Hospital										
Administration	471,681.98	243,360.07	14,503.33	75,263.27	3,914.23	4,504.44	21,778.97	2,671.02	105,678.18	8.47
Dietary	812,666.26	424,498.18	64,136.35	161.02			321,713.60	133.62	7.20	2,016.29
Household & Property	498,649.22	313,047.90	13,021.04	93.89			171,083.40	621.62	33.60	747.77
Plant Operation & Maintenance	378,496.89	134,164.21	70.99	769.39			166,171.43	36,906.00	276.82	40,138.05
Professional Service	2,994,719.20	2,248,251.72	25,822.23	2,620.15	301.82		705,311.23	7,438.26	2,925.53	2,048.26
State Patient Transportation	253,326.11	118,362.79	16,769.77	3.84		65,108.48	29,285.69	2,148.21	21,647.33	
Extraordinary Expenditures	90,566.68			258.10			3,474.67	13,593.14		73,240.77
Repairs, Replacements, Alterations or Equipment	319,982.80			770.14			30,703.93	130,510.14	70.00	157,928.59
Total Hospital	(5,820,089.14)	(3,481,684.87)	(134,323.71)	(79,939.80)	(4,216.05)	(69,612.92)	(1,449,522.92)	(194,022.01)	(130,638.66)	(276,128.20)
Psychopathic Hospital										
Administration	41,446.69	22,782.16	1,527.56	3,200.56	413.43	91.77	1,550.63	695.08	8,760.90	2,424.60
Dietary	35,074.83	8,428.81	2,103.47				24,542.55			
Household and Property	39,833.23	26,280.87	1,226.54	12.82			8,505.77	274.50	12.90	3,519.83
Plant Operation & Maintenance	10,896.05		18.47	3.94			6,840.94	3,783.10	249.60	
Professional Service	241,247.06	192,043.17	54,079.31	191.06	639.43	511.59	8,066.13*	54.71	28.92	1,765.00
General Operating	198.98			11.98		1.35		141.33	44.32	
Non-Operating Expense	24,157.47		198.83	9.68		430.53	497.82*	16,739.97		7,276.28
Research and Teaching	29,084.79	28,868.48		1.57	97.85		104.39	12.50		
Repairs, Replacements, Alterations or Equipment	16,178.38			11.54			3,785.80	7,431.53		4,949.51
Total Psychopathic Hospital	(438,117.48)	(278,403.49)	(59,154.18)	(3,443.15)	(1,150.71)	(1,035.24)	(36,766.13)	(29,132.72)	(9,096.64)	(19,935.22)

State Bacteriological Laboratory										
General Operation	211,196.95	156,967.29	1,029.70	7,950.87	3,959.65	2,918.89	32,671.15	764.95	4,137.85	793.60
Repairs, Replacements, Alterations or Equipment	12,605.00		454.18	4.46			575.97	1,069.13		10,501.26
Total Bacteriological Laboratory	(223,801.95)	(156,967.29)	(1,483.88)	(7,955.33)	(3,959.65)	(2,918.89)	(33,250.12)	(1,834.08)	(4,137.85)	(11,294.86)
Hospital School for Severely Handicapped Children										
General Operation	210,437.98	176,284.39	960.41	2,138.93	453.77	1,088.32	22,752.50	1,520.75	5,143.92	94.99
Repairs, Replacements, Alterations	3,220.28						1,164.44	445.26		1,610.58
Total Hospital School	(213,658.26)	(176,284.39)	(960.41)	(2,138.93)	(453.77)	(1,088.32)	(23,916.94)	(1,966.01)	(5,143.92)	(1,705.57)
Student Publications	140,719.21	33,994.90	44,303.40	5,842.84	21,230.18	195.11	28,845.02	1,101.50	4,344.10	862.16
State Services for Crippled Children	228,423.42	155,690.34		3,238.93	1,490.59	12,223.85	6,413.34	2,893.35	31,283.22	15,189.80
Dental Clinic	53,559.17	20,121.78		917.02	1,061.40	20.00	27,321.83	932.14	114.58	3,070.42
Dental Health Education & Dental Hygiene Bulletins	9,709.12	7,282.17	24.16	415.54	1,381.47	441.00	155.98		8.80	
Short Courses & Conferences	25,070.91		5,093.66	1,827.90	2,232.16	2,598.69	5,069.59	19.80	8,086.13	142.98

* Negative amount. Includes credit for amount of sales to University Departments.

SCHEDULE B-2—Continued
CURRENT EXPENDITURES BY FUNCTION AND OBJECT
For Year Ended June 30, 1954

	Total	Salaries	Wages	Office	Printing	Travel	General Supplies	Repairs	Other Expenditures	Equipment and Improvements (To Schedule E-1)
III. ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES (Cont.)										
Transit Board	$ 4,896.22		$ 20.40	$ 248.28	$ 4,320.15	$ 35.00	$ 121.61	$ 13.40	$ 15.00	$ 122.38
Dramatic Art Laboratory	12,814.75	$ 3,725.31	275.95	1,493.74	627.14		4,011.25	1,351.09	975.57	354.70
Dramatic Art Laboratory Summer Session	5,540.80	2,237.22	549.30	453.86	316.14	249.66	1,348.25	339.87	46.50	
College of Education Research	15,728.17	10,942.46	809.57	2,561.49	979.19		435.46			
Extension Division Activities	230,451.72	53,650.55	47,486.47	12,665.49	10,944.43	1,872.79	76,079.63	1,224.25	3,102.84	23,425.27
Iowa Testing Program	197,266.14	38,692.28	39,775.10	16,829.98	15,141.09	2,273.22	65,681.37	2,585.94	1,110.57	15,176.59
Summer Opera	3,593.85	6.00	591.87	440.03	163.99		1,606.14	299.67	8.00	478.15
Concert Course	7,335.89		275.87	266.82	433.90		82.52	13.55	6,263.23	
Total Organized Educational and Public Service Activities (To Exhibit B)	$7,630,776.20	$4,419,683.05	$335,127.93	$140,679.13	$ 70,102.01	$ 94,564.69	$1,760,658.10	$237,729.38	$204,375.61	$367,886.30
IV. AUXILIARY ENTERPRISES EXPENDITURES										
Dormitory House Operation	431,360.37	161,794.79	34,494.48	3,217.51	187.98	11.32	159,706.94	39,330.44	32,226.67	390.24
Married Student Housing	327,017.37	18,868.38	42,636.30	657.33	445.49	142.22	152,050.31	65,302.00	46,915.34	
Dining Service	793,334.78	66,453.97	247,506.46	1,641.37	270.09	350.82	428,716.87	12,236.96	36,069.29	88.95
Dormitory Services	53,738.43		940.30	25,207.29	18.59		27,259.30	100.10	212.85	
Iowa Memorial Union	214,531.09	18,208.43	74,482.24	541.01	144.24	110.38	98,820.55	7,827.87	6,286.64	8,109.73
Tenant Property	13,032.54		16.45	365.98			3,536.04	5,727.22	3,386.85	
Veterans Books and Supplies	43,218.42			45.00			40,295.89		2,877.53	
Campus Stores	13,402.07	1,908.25	169.65	102.78	7,242.19		3,589.05		390.15	
Iowa Lakeside Laboratory	6,255.27	935.17	1,336.06	59.89			3,909.15		15.00	
Inter-Collegiate Athletics	557,311.73	169,288.13	42,651.56	18,198.23	9,549.18	74,672.43	91,282.93	28,929.36	118,595.05	4,144.86
University Hospital Coffee Shop	51,076.43	13,385.75		115.30			34,422.89	812.44	795.88	1,544.17
Total Auxiliary Enterprises	$2,504,278.50	$450,842.87	$444,233.50	$ 50,151.69	$ 17,857.76	$ 75,287.17	$1,043,589.92	$160,266.39	$247,771.25	$ 14,277.95
V. SPECIAL NON-EDUCATIONAL RESTRICTED FUND EXPENDITURES	$238,740.21	$ 31,049.02	$ 1,013.79	$ 4,920.49	$ 664.99	$ 8,009.18	$ 25,191.03	$ 1,612.87	$158,846.06	$ 7,432.78

EXHIBIT

STATEMENT OF STUDENT

For Year Ended

	Year Established	Principal June 30, 1953		
		Cash	Notes and Investments	Total
Alumni Association Loan	1932	$ 1,416.58	$ 788.50	$ 2,205.08
Alumni Association Loan Investments			3,960.00	3,960.00
Lt. Col. Z. W. Burriss Memorial Loan	1949	1,649.20	379.00	2,028.20
A. Whitney Carr Graduate Loan	1900	1,918.54	3,608.49	5,527.03
F. C. Denkmann Loan in Liberal Arts	1928	3,960.94	77.00	4,037.94
Dolphin Club Loan	1939	585.54	93.00	678.54
Home Economics Club Loan	1932	174.66		174.66
International Student Council Loan	1930	240.65		240.65
Iowa Nurses Alumni Student Loan	1950	1,300.00	200.00	1,500.00
Kellogg Foundation Loan for Dental Students	1942	6,296.00	4,000.34	10,296.34
Kellogg Foundation Loan for Medical Students	1942	5,946.14	4,330.00	10,276.14
Kellogg Foundation Loan for Student Nurses	1942	3,387.29	550.00	3,937.29
Law Consolidated Loan	1926	9,898.75	1,185.00	11,083.75
Don A. and Julia L. Love Memorial Loan Fund	1949	20,444.46	5,404.21	25,848.67
College of Medicine Loan	1930	373.13		373.13
Rosa Hubbard Jones Loan	1952	200.00		200.00
Mortar Board Loan	1933	110.74		110.74
Student Nurses' Association Loan	1930	256.78		256.78
Phi Beta Kappa Loan	1934	255.01		255.01
Phi Epsilon Kappa Loan	1947	122.83		122.83
Alice E. Booth Medical Loan	1944	3,664.55		3,664.55
Senior Class Loan	1942	660.00		660.00
Deans Loan Fund	1946	532.64	66.00	598.64
Robert T. Swaine Graduate Loan	1925	3,354.66	5,430.19	8,784.85
Wm. H. Symons Loan	1935	2,879.82	1,450.00	4,329.82
Undergraduate Student Loan	1900	19,704.23	2,947.11	23,651.34
U. S. Government Loan	1942		8,123.54	8,123.54
Total (To Exhibit A)		$ 89,333.14	$ 43,592.38	$132,925.52

C

LOAN FUNDS

June 30, 1954

Additions				Principal June 30, 1954		
Earnings	Gifts	Other	Deductions	Cash	Notes and Investments	Total
$ 48.27		$ 1.00	$ 2,086.74*	$ 22.67	$ 144.94	$ 167.61
			3,960.00*			
			279.00	1,749.20		1,749.20
263.13				1,971.93	3,818.23	5,790.16
130.70				4,168.64		4,168.64
14.89				493.43	200.00	693.43
				174.66		174.66
				240.65		240.65
12.74				1,512.74		1,512.74
198.69		60.00	139.60	5,691.73	4,723.70	10,415.43
18.27				5,319.48	4,974.93	10,294.41
14.88				3,792.17	160.00	3,952.17
73.96	$500.00		644.04	10,083.19	930.48	11,013.67
301.67		40.00	46.29	22,834.98	3,309.07	26,144.05
				373.13		373.13
				200.00		200.00
				110.74		110.74
				256.78		256.78
				255.01		255.01
1.68	100.00			224.51		224.51
304.50				3,969.05		3,969.05
2.24				662.24		662.24
2.70				521.34	80.00	601.34
379.02	100.00		127.49	3,945.88	5,190.50	9,136.38
114.11				3,572.93	871.00	4,443.93
302.41	10.00	138.06	456.77	20,677.89	2,967.15	23,645.04
93.30		4.81	1,207.95*	138.75	6,874.95	7,013.70
$ 2,277.16	$710.00	$ 243.87	$ 8,947.88	$ 92,963.72	$ 34,244.95	$127,208.67

*Returned to Donor.

EXHIBIT D

SUMMARY OF ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS

For Year Ended Junt 30, 1954

Fund Name	Plan †	Principal July 1, 1953	Additions (Deductions*)		June 30, 1954
			Earnings	Other	
Helen Blanche Bennett Life Estate for Margaret Buckley	G	$ 2,000.00			$ 2,000.00
Bennett Memorial Chapel	G	16,730.29	$ 401.88		17,132.17
Helen Blanche Bennett Scholarship Fund	G	3,000.00			3,000.00
Alice E. Booth Student Loan Fund	G	12,676.36			12,676.36
Sudhindra Bose Memorial Fund	G	1,515.00		$ 200.00	
				50.00*	1,665.00
Pearl Bennett Broxam Memorial Fund	G	1,645.00			1,645.00
William Jennings Bryan Prize Fund	G	253.70			253.70
A. Whitney Carr Scholarship and Loan Fund	G	50,739.93			50,739.93
Citizens of Iowa City Gift for Chapel	N	8,822.81			8,822.81
Isabel Demple Estate	G			23,173.30	23,173.30
Class of 1923 Awards in Dentistry	G	1,559.37		25.00	1,584.37
F. C. Denkmann Scholarship and Loan Fund	G	10,148.00			10,148.00
John F. Dillon Scholarship Fund	N	12,378.51			12,378.51
Anna Bartsch Dunne Medical Scholarship	N	10,000.00		5,825.00	15,825.00
Fund for the Perpetuation of the Annual Finkbine Dinners	G	5,293.42		10.00	5,303.42
W. O. Finkbine Goodwill Dinner Fund	G	2,920.76		7,148.53	10,069.29
Waite Lowry Gifford Memorial	G	16,782.40			16,782.40
William Gardiner Hammond Scholarship Fund	G	2,537.00			2,537.00
F. H. Guldner Estate	N			826.56	826.56
Ernest R. & John Hamilton Johnson Memorial Prize	G	426.21			426.21
	N	1,300.00			1,300.00
Nile C. Kinnick Memorial Scholarship Supplementary Fund	N	84,838.49		10.00	
				2,400.00*	82,448.49
John Laffey Law Scholarships	N	10,000.00			10,000.00
B. J. Lambert Scholarship Fund	G	5,278.49			5,278.49
Samuel L. Lefevre Memorial Prize	G	507.40			507.40
Frank O. Lowden Prize Fund in Liberal Arts	N	3,000.00			3,000.00
Liberal Arts Prize Reserve	G	997.14	58.98		1,056.12
Northern Oratorical League Prize	N	2,500.00			2,500.00
Northern Oratorical League Prize Insurance	G	2,294.33	80.11		2,374.44
Joseph Graham Mayo Fund for Lectureships or Scholarships in the College of Medicine	G	5,074.00			5,074.00
Rudy E. Minger Memorial Fund	G	5,000.00			5,000.00
La Verne Noyes Foundation Scholarship Fund	G	13,449.62			13,449.62
	N	192,500.00			192,500.00

EXHIBIT D—Continued
SUMMARY OF ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS
For Year Ended June 30, 1954

Fund Name	Plan †	Principal July 1, 1953	Additions (Deductions*) Earnings	Additions (Deductions*) Other	June 30, 1954
Permanent Land Fund	G	289,105.24			289,105.24
President's Fund	G	1,000.00			1,000.00
Edward W. Pritchett Scholarship Fund	G	6,729.94			6,729.94
W. T. Proudfoot Scholarship Fund	G	2,014.80			2,014.80
Raiford Memorial	G	575.50			575.50
Mark Ranney Memorial Fund	G	84,671.40			84,671.40
Reserve for Contingencies of Invested Funds	G	80,471.73		537.50	
				1,708.85*	79,300.38
Reserve for Unrealized Profit on Farms Sold under Contract	G	28,000.00		500.00*	27,500.00
Rockefeller & General Board Medical Research	G	202,959.68		80,000.00*	122,959.68
Laura Spelman Rockefeller Endowment Fund	G	205,000.00			205,000.00
Paul Reed Rockwood Fund for Lectureships or Scholarships in Medical Research	G	9,077.67			9,077.67
Theodore F. Sanxay	G	15,221.98			15,221.98
Scherling Prize in Pharmacy	G	202.95			202.95
Fred Stebler Scholarship in Engineering	N	9,000.00			9,000.00
Wilbur J. Teeters Scholarship Fund	G	$ 2,523.06			$ 2,523.06
A. O. Thomas Memorial Fund	G	506.65			506.65
Charles Bundy Wilson Memorial Prize	N	1,000.00			1,000.00
Belle & David Wyland Scholarship Fund	G	913.32			913.32
Y. M. C. A. Endowment Fund	G	456.15			456.15
Y. W. C. A. Endowment Fund	G	3,198.00			3,198.00
Total—Group Investment Plan	G	(1,083,456.49)	(540.97)	(51,164.52*)	(1,042,832.94)
—Not Group Investment Plan	N	(335,339.81)		(4,261.56)	(339,601.37)
Total (To Exhibit A)		$1,428,796.30	$ 540.97	$46,902.96*	$1,382,434.31

† G—Funds under Group Investment Plan.
N—Funds not under Group Investment Plan.

SCHEDULE D-1
SUMMARY OF ENDOWMENT AND NON-EXPENDABLE FUND INVESTMENTS IN JOINT CUSTODY OF UNIVERSITY TREASURER AND FINANCIAL COMMITTEE OF THE IOWA STATE BOARD OF EDUCATION
As of June 30, 1954

	Non-Group Investments	Group Investments	Total
Cash	$ 6,482.87	$ 10,080.67	$ 16,563.54
Investments:			
U. S. and Municipal Bonds	96,543.50	939,800.00	1,036,343.50
Other Bonds	8,500.00		8,500.00
First Mortgage Real Estate Loans		57,631.40	57,631.40
Preferred Stock	16,100.00		16,100.00
Common Stock	209,975.00		209,975.00
Real Estate Owned	2,000.00		2,000.00
Farm Sale Contracts		27,115.00	27,115.00
Other Securities		8,205.87	8,205.87
Sub-Total Investments	(333,118.50)	(1,032,752.27)	(1,365,870.77)
Total (To Exhibit A)	$339,601.37	$1,042,832.94	$1,382,434.31

EXHIBIT
SUMMARY STATEMENT
FOR ADDITIONS AND
For Year Ended

	Total	49th G.A. Hospital	Children's Addition	51st G.A. Improvements	52nd G.A. Improvements	52nd G.A. Hospital School for Severely Handicapped Children	53rd G.A. Improvements
Cash Balances July 1, 1953		$ 2,419.45	$ 7,504.01	$2,045.53*	$1,134.51	$2,855.62*	$11,500.90
Receipts							
State Appropriation†	778,117.54						
Sundry Credits	12,743.85	60.75		3,643.52		6,897.84	
Transfer from Other Funds and Dormitory Loans	898,487.97	3,951.56		5,249.03	1,134.51*	3,983.00*	817.84*
Total	$1,691,768.81	$11,516.32		$6,847.02		$ 59.22	$10,683.06
Disbursements							
Buildings and Other Plant Improvements	863,943.34	11,516.32		6,847.02			8,830.62
Equipment	98,894.93						
Expenditures not Capitalized	202,668.48					59.22	1,852.44
Land	3,000.00						
Transfers	490.41						
Total Expenditures	$1,168,997.16	$11,516.32		$6,847.02		$ 59.22	$10,683.06
Cash Balance June 30, 1954	$ 522,771.65						

† For State Appropriation in Hands of State Comptroller see Schedule F-1.

EXHIBIT
SUMMARY STATEMENT
FOR ADDITIONS AND
For Year Ended

	Dormitory Land	Hillcrest Addition	Quadrangle Remodeling	New Women's Dormitory
Cash Balances July 1, 1953	$2,000.00*			
Receipts				
Sundry Credits				
Transfer from Other Funds and Dormitory Loans	4,000.00†	$1,000.00†		
	2,000.00	1,000.00		
Disbursements				
Buildings and Other Plant Improvements		1,291.84	$251.75	$451.44
Equipment				
Expenditures not Capitalized				136.50
Land	3,000.00			
Transfers				
Total Expenditures	3,000.00	1,291.84	251.75	587.94
Cash Balance June 30, 1954	$1,000.00*	$ 291.84*	$251.75*	$587.94*

* Indicates Deduction.
† Dormitory Loans.

E
OF FUNDS
IMPROVEMENTS TO PLANT
June 30, 1954

53rd G.A. Hospital School for Severely Handicapped Children	54th G.A. Improvements Hospital Alteration	55th G.A. Hosp. School Equip. & Completion	55th G.A. Medical Research Center & Equipment	55th G.A. Remodeling Polio & Pediatrics Patients	55th G.A. Boiler Replacements	55th G.A. Steam Distribution & Replacements	55th G.A. Chemistry Building Fire Damage	55th G.A. Wind Storm Damage
$3,769.74	$ 9,448.92							
		$ 02,638.00		$ 75,000.00	$216,044.00	$45,516.00	$230,167.00	$8,752.54
	1,810.64	178.92						
3,769.74*	504.50							
	$11,764.06	$202,816.92		$ 75,000.00	$216,044.00	$45,516.00	$230,167.00	$8,752.54
	3,6??.50	105,004.57	$1,607.83	61,349.34	778.98			
	960.25	36,776.76		26,172.83			30,647.24	
	7,881.31	31,385.80	151.49	75,727.20	222.83	570.42	70,250.32	8,752.54
	$11,764.06	$173,167.13	$1,759.32	$163,249.37	$ 1,001.81	$ 570.42	$100,897.56	$8,752.54
		$ 99,649.79	$1,759.3?*	$ 88,249.37*	$215,042.19	$44,945.58	$129,269.44	

E—Continued
OF FUNDS
IMPROVEMENTS TO PLANT
June 30, 1954

New Library Equip. & Moving	Library Air Cooling Units	Animal Quarters & Cadaver Storage	Danforth Chapel	Building Alteration for Teaching T. V.	Iowa Memorial Union	Park Lawn Apartments
$12.86	$347.80		$863.17	$1,747.30	$ 25,633.01*	$ 1,375.60*
		$80,000.00			568,487.97	152.18 245,000.00†
12.86	347.80	80,000.00	863.17	$1,747.30	542,854.96	243,776.58
		31,306.90			399,352.83	231,731.40
		680.85	690.42	3,666.58		
		3,303.82	43.00	1,919.28*	2,703.21	1,547.66
12.86	347.80		129.75			
12.86	347.80	35,291.57	863.17	1,747.30	402,056.04	233,279.06
		$44,708.43			$140,798.92	$ 10,497.52

SCHEDULE E-1
INVESTMENT IN PLANT
For Year Ended June 30, 1954

	See Schedule	Total	Buildings	Equipment	Land	Improvements Other than Buildings	Iowa Lakeside Laboratory Lake Okoboji	The Wood Forest & Botanical Preserve Muscatine County
Value of Plant July 1, 1953		$40,156,061.98	$22,489,136.83	$11,617,369.15	$ 2,192,688.74	$ 3,657,470.46	$ 198,396.80	$ 1,000.00
Additions								
General Educational Fun	B-2	584,970.41	62,071.87	429,088.67		90,611.40	3,198.47	
Organized Educational & Public Service Activities	B-2	367,886.30	91,851.57	274,243.81		1,790.92		
Auxiliary Enterprise Operation	B-2	14,277.95	1.89*	14,279.84				
Dormitory Repairs & Replacements		54,820.58		54,820.58				
Athletic Equipment & Improvement		227,184.68	3,339.20	8,094.03		215,751.45		
Tenant Property Land Purchase		13,176.02			13,176.02			
Educational Restricted	B-2	132,730.11	3,613.59	129,116.52				
Non-Educational Restricted	B-2	7,432.78	346.42	7,086.36				
Stores Departments		732.86		732.86				
Service Departments		32,155.28	2,471.38	21,183.90	8,500.00			
Other Revolving		56.25		56.25				
Plant Funds	Exhibit E	965,838.27	863,943.34	98,894.93	3,000.00			
Agency Funds		2,144.65		2,144.65				
Total Cash Additions		$ 2,403,406.14	$ 1,027,635.48	$ 1,039,742.40	$ 24,676.02	$ 308,153.77	$ 3,198.47	
Equipment Adjustment		195,668.36*		(195,668.36*)				
				(304.27*)			304.27	
Gifts		10,278.87		10,278.87				
Buildings Adjustment		897,589.00*†	897,589.00*					
Value of Plant June 30, 1954 (To Exhibit A)		$41,476,489.63	$22,619,183.31	$12,471,417.79	$ 2,217,364.76	$ 3,965,624.23	$ 201,899.54	$ 1,000.00

** Exclusive of farms held as Endowment Investments (Schedule D-6).
* Indicates Deduction.
† Adjustment for trailer villages.

EXHIBIT F

SUMMARY OF FUND TRANSACTIONS
UNIVERSITY BUSINESS OFFICE

For Year Ended June 30, 1954

	Cash Balance Forward July 1, 1953	Receipts			Disbursed	Business Office Cash Balance (Schedule F-2)	State Comptroller Balance or State Warrants on hand (Schedule F-1)	Total Cash Balance
		From State	Other Sources	Total				
GENERAL EDUCATIONAL FUNDS								
General Operation	$315,337.79	$7,037,000.00	$1,500,384.68	$8,852,722.47	$8,666,640.24	$186,082.23	$150,000.00	$336,082.23
Repairs, Replacements, Alterations or Equipment	55,748.59	638,869.97†		694,618.56	585,647.08	108,971.48		108,971.48
Iowa Lakeside Laboratory		3,300.00		3,300.00	3,298.47	1.53		1.53
Sub-Total General Educational Funds	(371,086.38)	(7,679,169.97)	(1,500,384.68)	(9,550,641.03)	(9,255,585.79)	(295,055.24)	(150,000.00)	(445,055.24)
ORGANIZED EDUCATIONAL AND PUBLIC SERVICE ACTIVITIES								
University Hospital								
General Operation	155,046.68	3,691,025.41	1,622,453.30	5,468,525.39	5,500,106.34	31,580.95*	27,541.86	4,039.09*
Repairs, Replacements, Alterations or Equipment	66,676.79	197,500.00		264,181.79	236,077.66	28,104.13		28,104.13
54th General Assembly Balance		117,500.00		117,500.00	83,905.14	33,594.86	130,238.76	163,833.62
Psychopathic Hospital								
General Operation	73,378.34	302,000.00	61,336.49	436,714.83	421,939.10	14,775.73	15,095.72	29,871.45
Repairs, Replacements, Alterations or Equipment		18,400.00		18,400.00	16,178.38	2,221.62		2,221.62
54th General Assembly Balance							40,190.28	40,190.28
State Bacteriological Laboratory								
General Operation	2,740.50	180,100.00	43,542.96	226,383.46	211,196.95	15,186.51		15,186.51
Repairs, Replacements, Alterations or Equipment		18,200.00		18,200.00	12,605.00	5,595.00		5,595.00
Hospital School for Severely Handicapped Children								
General Operation	627.18*	217,000.00	380.51	216,753.33	210,437.98	6,315.35	76,900.00	83,215.35
Repairs, Replacements, Alterations or Equipment	3,272.23	51.95*‡		3,220.28	3,220.28			

EXHIBIT F—Continued
SUMMARY OF FUND TRANSACTIONS
UNIVERSITY BUSINESS OFFICE
For the Year Ended June 30, 1954

	Cash Balance Forward July 1, 1953	Receipts			Disbursed	Business Office Cash Balance (ScheduleF-2)	State Comptroller Balance or State Warrants on hand (Schedule F-1)	Total Cash Balance
		From State	Other Sources	Total				
State Services for Crippled Children	21,782.06		212,692.63	234,474.69	228,423.42	6,051.27		6,051.27
Student Publications	3,813.54*		150,026.53	146,212.99	140,719.21	5,493.78		5,493.78
Iowa Transit			5,689.02	5,689.02	4,896.22	792.80		792.80
Conferences & Short Courses			26,442.73	26,442.73	25,070.91	1,371.82		1,371.82
College of Dentistry Activities	2,459.72		64,531.38	66,991.10	63,268.29	3,722.81	62.74	3,785.55
Extension Division Activities	81,358.21		216,067.81	297,426.02	230,451.72	66,974.30		66,974.30
Liberal Arts Activities	7,956.13		23,446.70	31,372.83	29,285.29	2,087.54		2,087.54
College of Education Activities	66,123.94		158,285.70	224,409.64	216,513.59	7,896.05		7,896.05
Sub-Total Organized Educational and Public Service Activities	(176,328.88)	(4,741,673.46)	(2,584,895.76)	(7,802,898.10)	(7,631,295.18)	(168,602.62)	(290,029.36)	(158,631.98)

† 1953-54 Receipts $639,900.00
Less June 30, 1953 Lapse 330.03
$638,869.97

‡ June 30, 1953 Lapse

Auxiliary Enterprises								
Dormitory and Dining Services	$417,849.37		$2,027,046.11	$2,444,895.48	$2,148,839.82	$296,055.66		$296,055.66
Intercollegiate Athletics	475,305.69		748,657.80	1,223,963.49	870,236.43	353,727.06		353,727.06
Iowa Memorial Union	480,465.17		342,423.01	822,888.18	783,019.06	39,869.12		39,869.12
Tenant Property Operation	11,174.14		22,874.07	34,048.21	26,208.56	7,839.65		7,839.65
Campus Stores	12,363.20*		13,991.96	1,628.76	13,402.07	11,773.31*		11,773.31*
Iowa Lakeside Laboratory	3,781.53		6,413.29	10,194.82	6,989.06	3,205.76		3,205.76
University Hospital Coffee Shop	2,239.55		54,955.41	57,194.96	54,076.43	3,118.53		3,118.53
Veterans Book and Supplies			43,218.42	43,218.42	43,218.42			
Sub-Total Auxiliary Enterprises	(1,378,452.25)		(3,259,580.07)	(4,638,032.32)	(3,945,989.85)	(692,042.47)		(692,042.47)
Stores Service and Revolving Funds	360,714.79		3,128,010.67	3,488,725.46	3,151,752.76	336,972.70		336,972.70
Current Restricted Educational								
Rockefeller and Gen. Educ. Board Medicine	5,864.36		4,875.16	10,739.52	2,999.13	7,740.39		7,740.39
Mark Ranney Memorial—Fine Arts	13,828.23		2,033.82	15,862.05	3,802.94	12,059.11		12,059.11
Laura Spelman Child Welfare	8,861.22		4,924.17	13,785.39	5,023.27	8,762.12		8,762.12
Sudhindra Bose Lectureship	111.42		86.39	197.81	162.29	35.52		35.52
A. O. Thomas Memorial Geology	136.88		12.16	149.04		149.04		149.04
Medical Fee Reserve	52,420.02			52,420.02	6,602.28	45,817.74		45,817.74
Medicine Scientific Fund	70,905.80		119,305.71	190,211.51	56,270.98	133,940.53		133,940.53
Medicine Trust Fund	62,518.50		773,200.97	835,719.47	436,465.22	399,254.25		399,254.25
Research Gifts and Other	382,849.95		1,212,040.41	1,594,890.36	1,110,076.21	484,814.15		484,814.15
Non-Educational	137,790.31		449,270.40	587,060.71	393,156.28	193,904.43		193,904.43
Sub-Total Current Restricted	(735,286.69)		(2,565,749.19)	(3,301,035.88)	(2,014,558.60)	(1,286,477.28)		(1,286,477.28)
Student Loan Funds	89,333.14		56,320.83	145,653.97	52,690.25	92,963.72		92,963.72
Endowment Funds	14,508.03		84,692.86	99,200.89	82,637.35	16,563.54		16,563.54
Plant Funds	2,419.45	$778,117.54	911,231.82	1,691,768.81	1,168,997.16	522,771.65	$1,464,240.00	1,987,011.65
Agency Funds	601,133.60		5,489,122.10	6,090,255.70	5,620,422.53	469,833.17		469,833.17
Total—All Funds	$4,029,263.21	$13,198,960.97	$19,579,987.98	$36,808,212.16	$32,926,929.77	$3,881,282.39	$1,904,269.36	$5,785,551.75
ANALYSIS OF BUSINESS OFFICE CASH BALANCE								
Cash in Banks and on Hand	$2,522,235.84					$2,381,282.39		
Investment of Restricted and Agency Fund	1,507,027.37					1,500,000.00		
	$4,029,263.21					$3,881,282.39		

* Indicates Deduction.

SCHEDULE F-1
SUMMARY OF FUND TRANSACTIONS
WITH STATE COMPTROLLER AND STATE TREASURER
As of June 30, 1954

	Balance Due University Treasurer July 1, 1953	Biennum or 1953-54 Appropriation (55th G.A.)	Allocations Lapsed*	Total Available	Warrants Cashed		Total	State Comptroller Balance (To Exhibit F)
					1952-53 Warrants	1953-54 Warrants		
A. Funds Handled by State Comptroller								
General Educational								
General Operation	$ 36,683.87†	$7,187,000.00	$ 36,683.87*	$7,187,000.00		$7,037,000.00	$7,037,000.00	$150,000.00
Repairs, Replacements, Alterations or Equipment		639,200.00		639,200.00		639,200.00	639,200.00	
Lakeside Laboratory		3,300.00		3,300.00		3,300.00	3,300.00	
Public Service								
University Hospital-Indigent Service								
General Operation		3,635,200.00	596.12	3,635,796.12		3,635,796.12	3,635,796.12	
Hospital Over-Quota, Allocated by Counties	25,490.46		57,280.69	82,771.15	$ 25,490.46	29,738.83	55,229.29	27,541.86
Repairs, Replacements, Alterations or Equipment		197,500.00		197,500.00		197,500.00	197,500.00	
54th G. A. Balance	247,738.76			247,738.76	117,500.00		117,500.00	130,238.76
Psychopathic Hospital								
General Operation		357,286.00	40,190.28*	317,095.72		302,000.00	302,000.00	15,095.72
Repairs, Replacements, Alterations or Equipment		18,400.00		18,400.00		18,400.00	18,400.00	
54th G. A. Balance			40,190.28	40,190.28				40,190.28
State Bacteriological Laboratory								
General Operation		196,100.00	16,000.00*	180,100.00		180,100.00	180,100.00	
Repairs, Replacements, Alterations or Equipment		2,200.00	16,000.00	18,200.00		18,200.00	18,200.00	
Hospital School for Severely Handicapped Children		293,900.00		293,900.00		217,000.00	217,000.00	76,900.00
Sub-Total	(273,229.22)	(4,700,586.00)	(57,876.81)	(5,031,692.03)	(142,990.46)	(4,598,734.95)	(4,741,725.41)	(289,966.62)
Plant Improvements								
Hospital School—Complete and Equipment		202,638.00		202,638.00		202,638.00	202,638.00	
Medical Research Center and Equipment		900,000.00		900,000.00				900,000.00
Polio and Pediatric Remodel		295,800.00		295,800.00		75,000.00	75,000.00	220,800.00
Boiler Replacement		315,000.00		315,000.00		216,044.00	216,044.00	98,956.00
Steam Distribution Replacements		255,000.00		255,000.00		45,516.00	45,516.00	209,484.00
Sewer		35,000.00		35,000.00				35,000.00
Chemistry Building Fire Damage			230,167.00	230,167.00		230,167.00	230,167.00	
Wind Damage			8,752.54	8,752.54		8,752.54	8,752.54	
Sub-Total		(2,003,438.00)	(238,919.54)	(2,242,357.54)		(778,117.54)	(778,117.54)	(1,464,240.00)
Sub-Total	(309,913.09)	(14,533,524.00)	(260,112.48)	(15,103,549.57)	(142,990.46)	(13,056,252.49)	(13,199,342.95)	(1,904,206.62)

B. Funds Handled by State Treasurer								
Federal Funds								
State Board of Health	2,175.52			2,175.52	2,175.52		2,175.52	
Dental Health Education	61.96		8,190.86	8,252.82	61.96	8,128.12	8,190.08	62.74
United States Crippled Children's Fund			211,510.82	211,510.82		211,510.82	211,510.82	
Sub-Total	(2,237.48)		(219,701.68)	(221,939.16)	(2,237.48)	(219,638.94)	(221,876.42)	(62.74)
	$312,150.57	$14,523,524.00	$479,814.16	$15,315,488.73	$145,227.94	$13,275,991.43	$13,421,219.37	$1,904,269.36

† This amount transferred by 55th General Assembly for payment of tuition for residents of University Married Student Housing and paid by State Comptroller to Independent School District of Iowa City, Iowa.
* Lapsed.

SCHEDULE F-2
TRANSACTIONS OF UNIVERSITY TREASURER WITH DEPOSITORIES
For Year Ended June 30, 1954

	Current Funds						Endowment Fund	Total All Funds
	First National Bank	Iowa Des Moines National Bank	Iowa State Bank and Trust Co.	Merchants National Bank	Central National Bank	Other	Iowa-Des Moines National Bank	
Bank Balance July 1, 1953	$911,194.05	$1,511,109.42	$769,220.29	$100,000.00			$ 11,601.03	$3,303,124.79
Add:								
Bank Deposits 1953-54	10,930,620.91	7,857,333.76	6,509,891.36	395,491.00	730,000.00		87,599.86	26,510,936.89
Total Credits 1953-54	11,841,814.96	9,368,443.18	7,279,111.65	495,491.00	730,000.00		99,200.89	29,814,061.68
Deduct:								
Checks Paid by Banks 1953-54	10,585,652.96	7,932,817.57	6,361,623.45	443,579.78	553,280.44		82,637.35	25,959,591.55
Bank Balances June 30, 1954	1,256,162.00	1,435,625.61	917,488.20	51,911.22	176,719.56		16,563.54	3,854,470.13
Deduct:								
Checks Outstanding June 30, 1954	443.18	1,522,814.54†						1,523,257.72
Add:								
Investment of Restricted and Agency Fund						1,500,000.00		1,500,000.00
Cash and Items on Hand June 30, 1954						50,069.98‡		50,069.98
Total Balances (See Exhibit F)	$1,255,718.82	$ 87,188.93*	$917,488.20	$ 51,911.22	$176,719.56	$1,550,069.98	$ 16,563.54	$3,881,282.39

† Checks Outstanding included in this column are payable by the bank to which first presented for payment.

‡ Cashiers Office ..... $ 41,913.98
Departmental Offices 8,156.00

$ 50,069.98

APPENDIX I

UNIVERSITY STAFF
ACADEMIC YEAR 1953-54

Includes all regular positions both 9 and 12 payment basis, and part time casual jobs filled by students and other temporary employees

	Full Time	Part Time	Total
I. REGULAR BUDGET POSITIONS			
A. General University			
1. Teaching and Research Staff			
Professors	153	13	166
Associate Professors	135	6	141
Assistant Professors	147	1	148
Lecturers, Associates and Research Associates	56	11	67
Instructors and Demonstrators	116	71	187
Assistants in Instruction	44	13	57
Student Assistants in Instruction and Research	27	516	543
	(678)	(631)	(1,309)
2. Administrative Staff			
General Administrative Officers	16		16
Deans and Directors	17		17
Administrative Assistants	108	4	112
	(141)	(4)	(145)
3. Library Staff	25	1	26
4. Clerical, Stenographic and Secretarial Staff	433	66	499
5. General Service Staff	90	13	103
6. Craftsmen, Custodial and Food Service	489	172	661
7. Non-Teaching Professional	92	52	144
B. University Hospital	1,087	355	1,442
C. Psychopathic Hospital	73	71	144
D. State Hygienic Laboratory	42	4	46
E. United States Crippled Children	42	4	46
F. Hospital School for Severely Handicapped Children	53	28	81
	3,245	1,401	4,646

II. PART TIME STUDENT HELP
(Exclusive of Board and other Non-Cash Jobs)

A total of 2,939 students were employed during the year on a part time basis. Some of this number are included in Section I above.

Section I is the staff count as of May, 1954.

Section II is the count from the Annual Student Aid Report.

APPENDIX II
STUDENT ENROLLMENT
For Year Ended June 30, 1954 Academic Year 1953-54

	Summer Session 1953			September to May			Total Excluding Duplicates		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
I. UNIVERSITY LEVEL									
Students in Residence									
College of Commerce	56	5	61	377	43	420	400	45	445
College of Dentistry	2	0	2	206	26	232	206	26	232
College of Engineering	56	0	56	442	1	443	458	1	459
Graduate College	1,541	626	2,167	1,482	529	2,011	2,485	1,017	3,502
College of Law	78	3	81	191	3	194	206	6	212
College of Liberal Arts	361	333	694	2,500	1,469	3,969	2,647	1,672	4,319
College of Medicine	4	1	5	451	9	460	451	10	461
College of Nursing	6	350	356	7	504	511	9	605	614
College of Pharmacy	31	2	33	162	11	173	166	11	177
Total—Excluding Duplicates	2,135	1,320	3,455	5,705	2,555	8,260	6,847	3,333	10,180
Students Enrolled by Correspondence Study or by Projected Registration									
*Graduate Projected Registration							215	53	268
*Graduate Correspondence Study							744	875	1,619
*Undergraduate Correspondence Study							1,217	2,711	3,928
Total (Excluding Duplicates)							2,172	3,633	5,795
Total Different Students Enrolled for Study in Residence, for Correspondence Study, or by Projected Registration							8,797	6,457	15,254
II. EXPERIMENTAL SCHOOLS AND NON-COLLEGIATE									
Elementary School	78	88	166	113	117	230	123	137	260
High School				140	113	253	140	113	253
Practical Music Only	105	42	147	56	70	126	121	82	203
Junior Music	48	65	113				48	65	113
Speech Clinic	44	19	63	137	70	207	177	85	262
Summer Management	59	0	59				59	0	59
Reading Clinic	6	1	7	2	0	2	8	1	9
Totals	340	215	555	448	370	818	676	483	1,159

* Enrollment Compiled on Annual Basis.

BIENNIAL REPORT OF THE REGISTRAR
Ted McCarrel, Registrar
Fiscal Year 1953-54

TABLE A
CUMULATIVE ENROLLMENT 1953-54
A summary of different individuals enrolled during the year

	Academic year Sept. 22, 1952 June 10, 1953			Full year June 10, 1952 June 10, 1953		
	Men	Women	Total	Men	Women	Total
Grand total of all students				9,511	6,991	16,502
Total of all students of college grade				8,816	6,487	15,303
I. All students in residence of college grade	5,304	2,226	7,530	6,690	3,032	9,722
College of Commerce	404	45	449	447	46	493
College of Dentistry	206	2	208	207	2	209
College of Engineering	382	3	385	398	3	401
Graduate College	1,302	398	1,700	2,482	919	3,401
College of Law	190	7	197	216	7	223
College of Liberal Arts	2,340	1,360	3,700	2,500	1,603	4,103
College of Medicine	442	10	452	442	10	452
College of Nursing	5	421	426	5	471	476
College of Pharmacy	170	15	185	171	16	187
II. Students not in residence of college grade				2,333	3,877	6,210
Graduate Projected Registration				205	48	253
Graduate Correspondence Study				1,430	2,897	4,327
Undergraduate Correspondence Study				708	937	1,645
III. Students in residence, not of college grade	468	371	839	695	504	1,199
Elementary School	99	109	208	129	128	257
High School	137	123	260	137	123	260
Practical Music Only	80	85	165	100	125	225
Junior Music				46	50	96
Speech Clinic	141	53	194	167	76	243
Summer Management				99	1	100
Reading Clinic	11	1	12	17	1	18

TABLE B

CUMULATIVE ENROLLMENT 1953-54

A summary of different individuals enrolled during the year

	Academic year Sept. 21, 1953 June 11, 1954			Full year June 11, 1953 June 11, 1954		
	Men	Women	Total	Men	Women	Total
Grand total of all students				9,473	6,940	16,413
Total of all students of college grade				8,797	6,457	15,254
I. All students in residence of college grade	5,705	2,555	8,260	6,847	3,333	10,180
College of Commerce	377	43	420	400	45	445
College of Dentistry	206	26	232	206	26	232
College of Engineering	442	1	443	458	1	459
Graduate College	1,482	529	2,011	2,485	1,017	3,502
College of Law	191	3	194	206	6	212
College of Liberal Arts	2,500	1,469	3,969	2,647	1,672	4,319
College of Medicine	451	9	460	451	10	461
College of Nursing	7	504	511	9	605	614
College of Pharmacy	162	11	173	166	11	177
II. Students not in residence of college grade				2,172	3,623	5,795
Graduate Projected Registration				215	53	268
Graduate Correspondence Study				744	875	1,619
Undergraduate Correspondence Study				1,217	2,711	3,928
III. Students in residence, not of college grade	448	370	818	676	483	1,159
Elementary School	113	117	230	123	137	260
High School	140	113	253	140	113	253
Practical Music Only	56	70	126	121	82	203
Junior Music				48	65	113
Speech Clinic	137	70	207	177	85	262
Summer Management				59		59
Reading Clinic	2		2	8	1	9

TABLE C

RESIDENCE ENROLLMENT BY SESSIONS

College grade only

	Men	Women	Total
Summer Session 1952	2,388	1,213	3,601
First Semester 1952-53	5,051	2,162	7,213
Second Semester 1952-53	4,986	2,108	7,094
Summer Session 1953	2,135	1,320	3,455
First Semester 1953-54	5,292	2,394	7,686
Second Semester 1953-54	5,220	2,291	7,511

TABLE D

FULL-TIME EQUIVALENCY ENROLLMENT

The following table is computed by dividing the number of hours of credit attempted as shown on the fina grade reports, by 30 semester hours which is assumed to be a normal load.

	Academic year Sept. 22, 1952 June 10, 1953	Full year June 10, 1952 June 10, 1953
I. Full-time equivalency for students in residence of college grade	6,657	7,416
	Academic year Sept. 21, 1953 June 11, 1954	Full year June 11, 1953 June 11, 1954
I. Full-time equivalency for students in residence of college grade	6,854	7,573

TABLE E

DEGREES AWARDED

	Total 1847-1954	1952-53	1953-54
All Degrees of Collegiate Grade	67,312	1,998	1,793
BACCALAUREATE AND FIRST PROFESSIONAL DEGREES 1847-1954			
Present Curricula			
Bachelor of Arts	21,697	604	479
Bachelor of Fine Arts	202	9	3
Bachelor of Music	206	10	13
Bachelor of Science in Chemistry	130	10	5
Bachelor of Science in Physical Education	784	28	17
Bachelor of Science in School Supervision	105	0	0
Bachelor of Science in Engineering	191	2	12
Bachelor of Science in Chemical Engineering	310	7	7
Bachelor of Science in Civil Engineering	554	18	16
Bachelor of Science in Electrical Engineering	497	15	12
Bachelor of Science in Mechanical Engineering	615	33	17
Doctor of Dental Surgery	2,849	53	52
Bachelor of Laws	3,857	19	19
Juris Doctor	1,506	57	26
Doctor of Medicine	4,466	103	116
Bachelor of Science in Commerce	6,025	195	190
Bachelor of Science in Pharmacy	599	45	47
Certificate of Graduate Nurse	2,196	46	42
Bachelor of Science in Nursing	56	8	48
Discontinued Curricula			
Bachelor of Science	1,023		
Bachelor of Philosophy	891		
Bachelor of Science (Lib. Arts & Med.)	299		
Bachelor of Science (Lib. Arts & Dent.)	32		
Bachelor of Science (Lib. Arts & Nurs.)	223		
Bachelor of Science in Home Economics	33		
Bachelor of Engineering	618		
Bachelor of Science in Forest Engineering	1		
Bachelor of Science in Mining Engineering	2		
Bachelor of Applied Science	43		
Graduate in Pharmacy	765		
Total Baccalaureate and First Professional Degrees	50,775	1,262	1,114

TABLE E—Continued

HIGHER DEGREES—1847-1954

	Total 1847-1954	1952-53	1953-54
Present Curricula			
Master of Arts	9,653	392	353
Master of Fine Arts	342	32	31
Master of Science	3,336	125	116
Doctor of Philosophy	2,861	187	178
Professional Degrees			
Chemical Engineering	5		
Civil Engineering	147		
Electrical Engineering	36		
Mechanical Engineering	11		
Sanitary Engineering	1		1
Honorary Degrees	135		
Discontinued Curricula			
Bachelor of Didactics	8		
Engineer of Mines	2		
Total Higher Degrees	16,537	736	679

TABLE F

VETERANS UNDER VETERANS ADMINISTRATION PROGRAMS

	1952-53			1953-54		
	Summer	First Semester	Second Semester	Summer	First Semester	Second Semester
Public Law 346	878	619	494	622	362	284
Public Law 16	21	19	24	13	25	26
Public Law 550		157	247	131	583	704
TOTAL VETERANS	899	795	765	766	970	1,014

TABLE G
SUMMARY OF ENROLLMENT—FALL AND SPRING

Counted at the end of the third week of Fall Semester	Fall 1944	Fall 1945	Fall 1946	Fall 1947	Fall 1948	Fall 1949	Fall 1950	Fall 1951	Fall 1952	Fall 1953
Total different students—college grade	6,588	8,376	12,512	12,778	13,587	13,449	12,112	10,154	10,212	10,508
Total different students in residence—college grade	3,695	4,744	9,770	10,239	10,886	10,383	9,125	7,362	7,213	7,686
College of Commerce	94	141	551	829	1,011	877	643	445	389	363
College of Dentistry	131	103	133	150	176	215	213	213	206	231
College of Engineering	105	180	637	631	629	506	366	276	340	401
Graduate College	406	522	1,331	1,518	1,841	2,138	2,345	1,798	1,615	1,805
College of Law	26	71	354	426	384	418	341	226	183	180
College of Liberal Arts	2,181	3,019	5,976	5,963	6,098	5,431	4,296	3,492	3,460	3,610
College of Medicine	307	291	317	277	297	336	385	120	454	459
College of Nursing	399	364	314	268	264	263	343	303	381	465
College of Pharmacy	46	53	157	177	196	196	193	189	185	172
Total different students not in residence—college grade	2,893	3,632	2,742	2,539	2,701	3,066	2,987	2,792	2,999	2,822

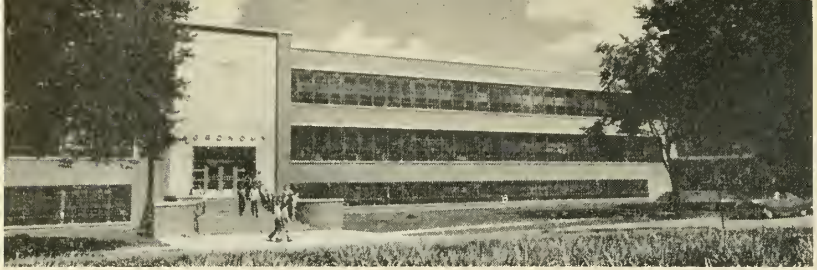
Counted at the end of the third week of Spring Semester	Spring 1945	Spring 1946	Spring 1947	Spring 1948	Spring 1949	Spring 1950	Spring 1951	Spring 1952	Spring 1953	Spring 1954
Total different students—college grade	6,889	10,587	12,200	12,360	13,251	12,791	11,072	10,261	10,012	10,361
Total different students in residence—college grade	3,571	6,787	9,663	9,888	10,508	9,835	8,192	6,986	7,094	7,511
College of Commerce	97	304	537	917	1,025	779	585	456	393	377
College of Dentistry	126	114	133	152	175	213	213	207	206	227
College of Engineering	98	392	626	617	626	476	322	280	337	379
Graduate College	400	944	1,339	1,576	1,975	2,338	2,150	1,719	1,688	1,786
College of Law	30	156	383	432	370	368	286	206	175	171
College of Liberal Arts	2,078	4,174	5,955	5,556	5,616	4,875	3,769	3,230	3,275	3,496
College of Medicine	312	279	286	270	293	335	385	417	450	455
College of Nursing	387	338	260	197	246	259	297	291	393	453
College of Pharmacy	43	86	144	171	182	192	185	180	177	167
Total different students not in residence—college grade	3,318	3,800	2,537	2,472	2,743	2,956	2,880	3,275	2,918	2,850

Iowa State College of Agriculture and Mechanic Arts

Ames

Biennial Report

Period Ending June 30, 1954



Agronomy Bldg. — Iowa State College

Beardshear Hall — Iowa State College

Campanile — Iowa State College

Electrical Engineering Bldg. — Iowa State College

Home Economics — Iowa State College

Iowa State College

Report of James H. Hilton, President

James H. Hilton

The Iowa State College was established on March 22, 1858 by act of the 7th General Assembly of Iowa.

In the succeeding years financial depression, the confusion of the Civil War, and other factors delayed the construction of buildings and the beginning of instruction for a decade.

The college first received students for preparatory training on October 21, 1868.

The Land-Grant College Act of 1862 gave federal aid to industrial education and the Iowa legislature was the first in the nation to accept the provisions of the act, September 11, 1862.

Thus the Iowa State College became a part of a nation-wide system of land-grant colleges and universities—often called the unique contribution of America to higher education.

The system had its beginning when the people protested that colleges of that day were neither democratic in range of subject matter taught nor in the sense that they were generally available to capable students in all walks of life. There was a demand for a new emphasis on agricultural teaching and research, as well as the needs of industry and the problems of engineering and technology.

Through the years Iowa State College as a part of the Land-Grant system has provided for rich and poor alike, a new kind of education to meet the needs of a new nation in a time when science and technology have assumed great importance.

Objectives and Scope of Activity

Under the authority granted by the Iowa General Assembly, the Iowa State College is charged with the responsibility of conducting activities in three general areas:

(1) Formal classroom instruction on the campus.

The most important assignment of Iowa State College is to educate young people for useful lives. They must be educated, first of all to become good citizens with a solid grasp of the social, economic and political problems of the day as well as scientists, engineers, agriculturists and home economists.

Wherever you go, not only in this country, but throughout the world, you will find Iowa State College graduates in important

positions of responsibility and leadership—as engineers, as scientists, as home economists, as doctors of veterinary medicine and as agriculturists.

(2) A broad research program for the benefit of agriculture, industry and the home.

Next to the dollar Iowa spends in the education of the people of the state, the dollar we invest for research probably returns the greatest dividends of any investment we make. It has been reliably estimated that each dollar invested in research at Iowa State College has returned about $300 to the welfare of the state.

What has been accomplished through research is truly an amazing story. Science and technology have literally revolutionized our business structure and methods of living during the past 50 years. Even more important than the financial dividends resulting from research has been the improvement in the physical and spiritual well-being of all people.

(3) An Extension or off-campus program designed to take the benefits of the college to all people in the state.

The chief objective of the extension program has been to reach every family, urban as well as rural, with information that will enable them to maintain a more satisfactory life.

ACADEMIC PROGRAM

The following undergraduate courses of study, leading to the degree of Bachelor of Science, are now offered in the college.

AGRICULTURE — Agricultural Business, Agricultural Education, Agricultural Engineering, Agricultural Journalism, Agronomy, Animal Husbandry, Dairy Husbandry, Dairy Industry (also Dairy Industry with majors in Chemistry or Economics), Farm Operation, Forestry (also Forestry with majors in Conservation, Farm Forestry, Forest Utilization, Range Management, or Wildlife Management), Horticulture (with majors in Floriculture, Nursery Management, Pomology or Vegetable Crops), Industrial Education, Landscape Architecture, Poultry Husbandry, Rural Sociology.

ENGINEERING—Aeronautical Engineering, Agricultural Engineering, Architectural Engineering, Ceramic Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, General Engineering (with an option in Industrial Engineering), Mechanical Engineering, Mining Engineering.

HOME ECONOMICS—Applied Art, Child Development, Food and Nutrition (with majors in Dietetics, Experimental Cookery or Community Nutrition), General Home Economics, Home Economics Journalism, Home Economics and Related Science, Home Economics Education, Home Management, Household Equipment, Institutional Management, Textiles and Clothing.

SCIENCE—Agricultural Economics, Bacteriology, Botany, Chemistry, Chemical Technology, Climatology and Meterology, Economics, Entomology, Food Technology, Foreign Trade and Service, General Science, Genetics, Geology, Government, History, Industrial Economics, Indus-

trial Psychology, Mathematics, Naval Science, Physical Education for Men, Physics, Rural Sociology, Statistics, Technical Journalism, Zoology. (Also special programs in preparation for human medicine and preparation for veterinary medicine.)

In addition, the college offers studies leading to the degrees Bachelor of Architecture (five-year program) and Doctor of Veterinary Medicine (six-year program), and offers graduate courses leading to the degrees Master of Science and Doctor of Philosophy.

For the benefit of students unable to spend four years or more in college study special programs are offered which may be terminated in less time and for which a certificate of completion is offered. These programs include Dairy Plant Operation, Farm Operation, and an option in Marketing Industries under Agricultural Business.

RESEARCH

The research program of the college is organized into six units.

THE IOWA AGRICULTURAL EXPERIMENT STATION has been closely associated with most of the tremendous strides which scientific agriculture has made in years. Experiments are conducted on college farms at Ames and at nearby Ankeny, as well as at 31 farms and experimental plots located throughout the state. Important results have been achieved in almost every area of farming, including breeding, feeding and selection of livestock, farm crops, cultivation and conservation methods, farm power and machinery, farm structures, farm marketing methods, farm management and many others.

THE IOWA ENGINEERING EXPERIMENT STATION, which is 50 years old this year, shares with the University of Illinois the distinction of being the first such station to be established in the nation. Its objectives always have been to foster and develop the industries of Iowa through engineering research, to aid in the development of raw materials and natural resources of the state, to increase utilization of agricultural by-products, and to aid in the solution of engineering problems arising in the various branches of industry. The Station does considerable work for the Iowa State Highway Commission under grants from the commission.

THE INDUSTRIAL SCIENCE RESEARCH INSTITUTE aims to provide fundamental scientific facts and principles which underlie the development and successful solution of agricultural and industrial problems of Iowa. In addition, it trains students for responsible positions in research organizations, in industry, in government laboratories and in colleges.

THE INSTITUTE FOR ATOMIC RESEARCH includes the Ames Laboratory of the Atomic Energy Commission which is one of the major laboratories of the Commission. The principal objective of the Institute is to contribute fundamental knowledge basic to the release, effects and utilization of atomic energy.

THE STATISTICAL LABORATORY is a cooperative project with the Bureau of Agricultural Economics of the United States Department of Agriculture. The laboratory has developed techniques which are of great value to more accurate and meaningful research.

THE VETERINARY MEDICAL RESEARCH INSTITUTE is closely tied to problems associated with livestock production in Iowa. It aims to develop methods of controlling or eradicating diseases in food producing animals.

EXTENSION SERVICES

THE IOWA AGRICULTURAL AND HOME ECONOMICS EXTENSION SERVICE is part of a nationwide Extension Service operated through the United States Department of Agriculture. It is part of the largest and perhaps the most effective program of adult education in the world. In addition to several hundred paid employees, nearly 50,000 active volunteers each year assist in carrying out extension programs in every county in Iowa. In a single year, information received through the Extension Service results in changed practices on upward of 125,000 Iowa farms. Some 70,000 Iowa homes also will change practices because of Extension Service activities.

THE ENGINEERING EXTENSION SERVICE operates in the fields of public service, industry, technology and engineering. It conducts vocational-educational training for persons in semi-technical or technical positions for which an engineering degree is not required. It carries on professional education for engineers, executives and supervisory personnel of Iowa industry. It gives specific advisory and information assistance to Iowa industries, municipalities, associations and citizens.

SERVICE UNITS

To help Iowans make the most of the information available from the College, special service units are maintained.

RADIO STATION WOI AND TELEVISION STATION WOI-TV are used to bring educational features from Iowa State College and from the State University of Iowa and Iowa State Teachers College into homes, classrooms and business establishments throughout the state. Emphasis is on educational programs, good music and drama, and public service. In the latter category is the market information, possibly the most complete in the Midwest, which is relied upon by farmers, elevator operators, livestock buyers, produce houses and others in daily operations.

SEED TESTING LABORATORY is largely self-supporting and is considered one of the finest and best equipped laboratories of its kind in the world. It helps to guard the quality of seed which Iowa farmers and gardeners plant.

SOIL TESTING LABORATORY also is largely self-supporting and helps Iowa farmers determine the needs of their soils for fertilizers, helps agronomists know more about Iowa's all-important agricultural land.

SHORT COURSES

About 100 special short courses and meetings of the duration of one day or more are held on the Iowa State campus each year. Most of them are sponsored by groups within the college, and they are attended

by more than 20,000 persons. They help professional men, business men, boys and girls, farmers and others to keep abreast of new and important developments within broad fields of agriculture, home economics engineering, science and veterinary medicine, or within more specialized fields where their particular interests may lie.

ENROLLMENT

There is an increasing desire on the part of Iowa young people to secure the benefits of a college education. Iowa people want their children to have every opportunity to develop into useful citizens.

The trend of increasing college enrollments is especially noteworthy at the Iowa State College, since today's complex world places greater emphasis on technical education offered at this institution.

Enrollments have been steadily increasing for the past 25 years. They have almost doubled since 1930.

Following the peak enrollments of the post-war period, the low point was reached in 1951 when the fall quarter enrollment was 7,418. This figure increased to 7,484 in 1952; and to 7,780 in 1953. There was a sharp increase in the fall of 1954, when 8,308 were enrolled.

Enrollments are, in fact, running well ahead of previous predictions. According to present estimates fall quarter enrollment for 1960 will be more than 9,500. By 1965, this figure will probably be about 12,000.

This increase in enrollment has even now imposed heavy burdens on the staff and physical facilities of the college. We already are in real danger of being too late in making provision for the young people who will desire to come to their State institution.

At the same time we must realize that the programs of research and extension services are also undergoing considerable expansion, largely in response to the greatly increased needs and demands of the people of the State.

FINANCES OF THE IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

July 1, 1952, to June 30, 1953

B. H. PLATT, Business Manager and Secretary

J. F. HALL, Treasurer

SUMMARY

The total cash received by Iowa State College during the fiscal year from outside sources for all purposes was $21,088,507.72. Total cash expended for all purposes from all funds was $22,614,497.20.

CURRENT FUNDS

The Current Funds of the College may be divided into two groups: (1) General Operating Funds, including funds appropriated by the General Assembly of Iowa, Federal Funds, receipts from student fees, and from the sale of products; (2) Supplementary Funds which include receipts from gifts, from private grants and from self-supporting activities and revolving accounts for which no public funds are appropriated by the General Assembly. The receipts and expenditures in the Current Funds of the College for the year 1952-53 were as follows:

	Receipts	Expenditures	Adjustments to Balances
General Operating Funds	$ 9,309,673.68	$10,719,403.09	$ 1,409,729.41–
Supplementary Funds	10,298,883.00	9,871,609.66	427,273.34–
Total	$19,608,556.68	$20,591,012.75	$ 982,456.07–

CAPITAL FUNDS

The Capital Funds of the Iowa State College are Loan Funds, Endowment Funds and Plant Funds.

Loan Funds—Funds for loans to students have been derived from two sources, as follows: gifts, and advances from other funds. The total amount available for loans on June 30, 1953 was $147,465.17.

Endowment Funds—On June 30, 1953 the total endowment of the Iowa State College was $1,440,667.95. This represented a net increase of $552.50. The net changes in the principal of the various endowment funds were as follows:

1. General College Endowment	$ 52.50
2. George Gund Scholarship Fund	500.00
Total	$552.50

Plant Funds—The plant properties include the following:

1. Educational Plant	
a. Land: 5,027 acres (740 acres in campus and recreational area and 4,288 acres in farm lands)	$ 952,288.99
b. Land improvements consisting of heating and power plant, water works, heating tunnels, sewage system, gas mains, electric lines, etc.	4,308,261.58

c.	Building (all structures including small farm bldgs.)	11,827,000.25
d.	Equipment consisting of furniture, laboratory equipment, farm implements, library books, etc.	6,422,452.64
	Total Educational Plant	$23,530,003.46
2.	Auxiliary Activities Plant	
a.	Building (dormitories and tenant properties)	$ 4,005,519.31
b.	Equipment (dormitories $482,014.57 and other $591,708.53)	1,073,723.10
	Total Auxiliary Activities Plant	$ 5,079,242.41
	Total Plant Owned by the State	28,609,245.87
3.	Plant Owned by Associated Groups	
a.	Memorial Union Corporation Building and Equipment	$ 1,796,648.66
b.	Alumni Hall Trustees—Building and Equipment	96,498.94
c.	Iowa State College Press—Building	83,302.60
d.	Atomic Energy Commission—Building and Equipment	5,881,653.15
	Total Plant Owned by Associated Groups	$ 7,858,103.35
	Total Plant	$36,467,349.22

During the fiscal year 1952-53 additions to the Physical Plant of the College totaled $1,861,647.74 and retirement of obsolete and worn out buildings and equipment amounted to $620,939.21 resulting in a net addition to the physical assets of the college of $1,240,708.53.

Funds for making improvements and additions were derived from State Appropriations for Capital Improvement, from Repair, Replacement and Alterations appropriations, from borrowings, and from balances in Auxiliary Enterprises. In addition, certain expenditures from Current Funds for equipment were capitalized.

AGENCY FUNDS

Student Organizations—The finances of student organizations at the Iowa State College, excluding fraternities and sororities, are under the general supervision of College officials and are audited in the Business Office. The cost of conducting the auditing service was financed in part by a charge of $4,486.21 made to the various organizations. In 1952-53 the gross receipts for the 285 organizations were $473,398.67 and the expenditures were $464,203.30. The accumulated balance of all organizations at the end of the year was $155,166.10.

During the fiscal year receipts in all other Agency Funds accounts were $2,710,785.13 and expenditures totaled $2,527,604.90. The balance in all Agency Funds including Student Organizations as of June 30, 1953 was $500,573.77.

BALANCE SHEET
ASSETS

I. CURRENT FUNDS			
A. General Operating Funds			
Cash		$ 500,320.38	
Accounts Receivable—Active	$ 53,590.07		
Accounts Receivable—Veterans Administration	139,423.28	193,013.35	
Livestock		111,253.40	
Inventory of Saleable Supplies		32,741.04	
Total General Operating Assets			$837,328.17
B. Restricted and Supplemental Funds			
Cash	$ 1,283,777.63		
Petty Cash	3,470.00	$ 1,287,247.63	
Postal Deposits		150.00	
Accounts Receivable			
Organized Activities	$ 133,614.72		
Gifts and Grants for Specific Purposes	872.27		
Auxiliary Enterprises	68,337.46	202,824.45	
Livestock		24,668.70	
Inventories			
Saleable Supplies—Organized Activities	$ 66,313.46		
Saleable Supplies—Auxiliary Enterprises	429,903.26	496,216.72	
Prepaid Insurance		9,677.68	
Investments		400,971.44	
Total Restricted and Supplemental Assets			$ 2,421,756.62
Total Current Funds Assets			$ 3,259,084.79
II. LOAN FUNDS			
Cash		$ 30,811.76	
Notes Receivable		42,003.41	
Due from Other Funds—Endowments		22.66	
Investments		74,627.34	
Total Loan Fund Assets			$ 147,465.17
III. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS			
Cash		$ 2,875.60	
Bonds		1,055,495.50	
Stocks		267,428.51	
Land		22,500.00	
Farm Mortgages		76,940.00	
Contracts		4,451.00	
Advance to Other Funds (Plant Funds)		11,000.00	
Total Endowment Funds Assets			$ 1,440,690.61
IV. PLANT FUNDS			
A. Unexpended			
Cash	$ 52,533.16		
Undrawn Balance of State Appropriation for Capital Improvements	911,432.95	$ 963,966.11	
B. Invested in Plant			
Educational Plant			
Land	$ 952,288.99		
Buildings	11,827,000.25		
Improvements Other than Buildings	4,308,261.58		
Equipment	6,442,452.64	23,530,003.46	
Auxiliary Enterprises Plant			
Buildings	$ 4,005,519.31		
Equipment	1,073,723.10	5,079,242.41	
Total Plant Funds Assets			$29,573,211.98
V. AGENCY FUNDS			
Cash		$ 378,631.67	
Savings Account		20,319.60	
Investments		101,622.50	
Total Agency Fund Assets			$ 500,573.77
GRAND TOTAL ASSETS			$34,921,026.32

BALANCE SHEET
LIABILITIES

I. CURRENT FUNDS			
A. General Operating Funds			
Reserves:			
For Accounts Receivable	$ 193,013.35		
For Livestock	111,253.40		
For Outstanding Orders—College Research and Extension	199,906.45		
For Outstanding Orders—Repairs, Replacements and Alterations	114,673.77		
For Reversion to State Treasurer	159,968.29	$ 778,815.26	
Balances:			
Extension	$ 2,170.65		
Research	36,065.26		
General College	20,277.00	58,512.91	
Total General Operating Liabilities			$ 837,328.17
B. Restricted and Supplemental Funds			
Reserves:			
For Accounts Receivable	$ 202,824.45		
For Livestock	24,668.70		
For Student Deposits	65,580.52		
For Outstanding Orders			
Organized Activities	65,371.07		
Auxiliary Enterprises	100,471.45		
Gifts and Grants for Specific Purposes	22,244.94	$ 481,161.13	
Balances:			
Organized Activities	$ 278,894.32		
Auxiliary Enterprises	1,006,468.13		
Gifts and Grants for Specific Purposes	655,233.04	1,940,595.49	
Total Restricted & Supplemental Liabilities			$ 2,421,756.62
Total Current Funds Liabilities			$ 3,259,084.79
II. LOAN FUNDS			
Reserve for Loss on Student Loans		$ 4,680.43	
Balances: Regular Loan Funds	$ 107,880.02		
War Loans	3,792.64		
General Loans	31,112.08	142,784.74	
Total Loan Fund Liabilities			$ 147,465.17
III. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS			
Due Other Funds—Loan Funds		$ 22.66	
Balances:			
Funds for Educational Purposes		767,349.20	
Funds for Research		22,500.00	
Funds for Student Aid and Awards		578,213.54	
Funds for Undesignated Purposes		23,209.29	
Funds Temporarily Functioning as Endowment		49,395.92	
Total Endowment Fund Liabilities			$ 1,440,690.61
IV. PLANT FUNDS			
A. Unexpended			
Balance of Funds Available	$ 52,522.16		
Undrawn Balance of State Appropriations	911,432.95		
Reserve for Land and Buildings	11.00	$ 963,966.11	
B. Invested in Plant			
Notes Payable	$ 391,000.00		
Due Other Funds—Endowment Funds	11,000.00		
Net Investment in Plant	28,207,245.87	28,609,245.87	
Total Plant Funds Liabilities			$29,573,211.98
V. AGENCY FUNDS			
Balances:			
Student Organizations		$ 155,166.10	
Other Agency Funds		345,407.67	
Total Agency Fund Liabilities			$ 500,573.77
GRAND TOTAL LIABILITIES			$34,921,026.32

STATEMENT OF CURRENT RECEIPTS

	Total	General	
		State and General Funds	Federal Appropriations
RECEIPTS			
I. Educational and General			
Student Fees	$ 1,423,859.99	$ 1,423,859.99	
Government Appropriations	6,975,903.29	5,610,000.00	$ 1,365,903.29
Endowment Interest	20,375.39		20,375.39
Sales and Services—Educational Departments	427,582.85	427,582.85	
Sales and Services—Organized Research	144,708.18	144,708.18	
Sales and Services—Extension	43,165.47	43,165.47	
Gifts, Grants, and Contracts for Specific Purposes	1,476,239.87		
Sales and Services—Organized Activities	1,084,218.78		
Allowances for Overhead Expenditures on Research Contracts	175,529.35	175,529.35	
Other Sources	98,549.16	98,549.16	
Total Educational and General	$11,870,132.33	$ 7,923,395.00	$ 1,386,278.68
II. Auxiliary Enterprises	$ 7,681,914.63		
III. Other Non-Educational Receipts	$ 56,509.72		
Total Current Receipts	$19,608,556.68	$ 7,923,395.00	$ 1,386,278.68
EXPENDITURES			
I. Educational and General Expense			
General Administrative and General Expense	$ 726,889.34	$ 726,790.95	$ 98.39
Resident Instruction	4,017,194.39	3,869,477.39	126,968.64
Organized Research (Includes $1000 addition to Petty Cash)	3,934,076.66	1,783,552.66	336,664.33
Extension	2,115,297.28	951,467.74	902,125.62
Library	255,915.35	255,915.35	
Operation and Maintenance of Physical Plant	1,078,629.50	1,078,629.50	
Equipment	266,604.51	266,604.51	
Organized Activities (Includes $20 addition to Petty Cash)	916,830.23		
Repairs, Replacements, and Alterations	421,108.01	421,108.01	
Total Educational and General	$13,732,545.27	$ 9,353,546.11	$ 1,365,856.98
II. Auxiliary Enterprises	$ 6,811,046.69		
III. Other Non-Educational Expenses	$ 47,420.79		
Total Current Expenditures	$20,591,012.75	$ 9,353,546.11	$ 1,365,856.98
Net Balance	$ 982,456.07*	$ 1,430,151.11*	$ 20,421.70
Balance July 1, 1952	$ 3,024,710.24	$ 1,976,784.03	$ 5,350.17
Net Balance per above	982,456.07*	1,430,151.11*	20,421.70
Increase from Transfers	119,632.31	30,000.00	
Decrease from Transfers	443,368.99	102,084.41	
Balance June 30, 1953	$ 1,718,517.49	$ 474,548.51	$ 25,771.87

* Indicates Overdraft.

AND EXPENDITURES BY FUNDS

Funds	Restricted Funds			
Total	Organized Activities	Auxiliary Enterprises	Restricted Gifts	Total
$ 1,423,859.99				
6,975,903.29				
20,375.39				
427,582.85				
144,708.18				
43,165.47				
			$ 1,476,239.87	$ 1,476,239.87
	$ 1,084,218.78			1,084,218.78
175,529.35				
98,549.16				
$ 9,309,673.68	$ 1,084,218.78		$ 1,476,239.87	$ 2,560,458.65
		$ 7,681,914.63		$ 7,681,914.63
			$ 56,509.72	$ 56,509.72
$ 9,309,673.68	$ 1,084,218.78	$ 7,681,914.63	$ 1,532,749.59	$10,298,883.00
$ 726,889.34				
3,996,446.03			$ 20,748.36	$ 20,748.36
2,120,216.99		$ 502,459.49	1,311,400.18	1,813,859.67
1,853,593.36		201,398.55	60,305.37	261,703.92
255,915.35				
1,078,629.50				
266,604.51				
	$ 916,830.23			916,830.23
421,108.01				
$10,719,403.09	$ 916,830.23	$ 703,858.04	$ 1,392,453.91	$ 3,013,142.18
		$ 6,811,046.69		$ 6,811,046.69
			$ 47,420.79	$ 47,420.79
$10,719,403.09	$ 916,830.23	$ 7,514,904.73	$ 1,439,874.70	$ 9,871,609.66
$ 1,409,729.41*	$ 167,388.55	$ 167,009.90	$ 92,874.89	$ 427,273.34
$ 1,982,134.20	$ 80,227.65	$ 761,647.52	$ 200,700.87	$ 1,042,576.04
1,409,729.41*	167,388.56	167,009.90	92,874.89	427,273.34
30,000.00	40,000.00	21,783.88	27,848.43	89,632.31
102,084.41	10,000.00	301,284.58	30,000.00	341,284.58
$ 500,320.38	$ 277,616.20	$ 649,156.72	$ 291,424.19	$ 1,218,197.11

SUMMARY OF CURRENT EXPENDITURES
DISTRIBUTED BY OBJECT

	Total	Salaries	Current Expense
I. EDUCATIONAL AND GENERAL			
A. Current General Funds			
1. General Administration and General Expense			
General Administrative Offices	$ 412,429.33	$ 288,464.50	$ 123,964.83
General Expense	314,460.01	123,848.49	190,611.52
Sub-Total	($ 726,889.34)	($ 412,312.99)	($ 314,576.35)
2. Instruction			
Division of Agriculture	$ 853,808.50	$ 600,585.36	$ 253,223.14
Division of Engineering	653,973.26	602,590.02	51,383.24
Division of Home Economics	462,179.02	412,367.48	49,811.54
Division of Science	1,584,455.95	1,451,933.55	132,522.40
Division of Veterinary Medicine	272,044.44	243,348.50	28,695.94
Graduate College	27,301.26	16,648.10	10,653.16
Junior College	32,611.68	17,859.77	14,751.91
Summer Session and Short Courses	110,071.92	81,582.28	28,489.64
Sub-Total	($3,996,446.03)	($3,426,915.06)	($ 569,530.97)
3. Organized Research			
Agricultural Experiment Station	$ 1,534,100.12	$ 932,530.16	$ 601,569.96
Engineering Experiment Station	120,251.25	87,515.91	32,735.34
Industrial Science Research	134,778.11	104,831.96	29,946.15
Statistical Laboratory	30,577.22	26,804.30	3,772.92
Veterinary Research Institute	170,410.74	98,596.84	71,813.90
Atomic Research Institute	130,099.55	57,265.71	72,833.84
Sub-Total	($2,120,216.99)	($1,307,544.88)	($ 812,672.11)
4. Extension			
Agriculture and Home Economics	$ 1,738,220.32	$ 1,390,046.63	$ 348,173.69
Engineering	115,373.04	59,686.87	55,686.17
Sub-Total	($1,853,593.36)	($1,449,733.50)	($ 403,859.86)
5. Library	$ 255,915.35	$ 136,378.20	$ 119,537.15
6. Operation and Maintenance of the Physical Plant	$ 1,078,629.50	$ 300,932.37	$ 777,697.13
7. Equipment	$ 266,604.51		$ 266,604.51
8. Repairs, Replacements, and Alterations	$ 421,108.01		$ 421,108.01
Total Current General Funds	($10,719,403.09)	($ 7,033,817.00)	($ 3,685,586.09)
B. Current Restricted Funds			
1. Instruction			
Division of Agriculture	$ 12,538.09	$ 2,802.49	$ 9,735.60
Division of Engineering	6,288.26		6,288.26
Division of Home Economics	1,922.01	540.00	1,382.01
Sub-Total	($ 20,748.36)	($ 3,342.49)	($ 17,405.87)
2. Organized Research			
Agricultural Experiment Station	$ 1,109,116.01	$ 277,494.99	$ 831,621.02
Engineering Experiment Station	115,340.24	55,978.85	59,361.39
Industrial Science Research Institute	345,548.92	154,579.38	190,969.54
Veterinary Research Institute	53,674.86	12,770.30	40,904.56
Institute for Atomic Research	15,375.37	5,771.89	9,603.48
General Research	174,804.27	78,650.61	96,153.66
Sub-Total	($ 1,813,859.67)	($ 585,246.02)	($ 1,228,613.65)
3. Extension			
Agriculture and Home Economics	$ 256,750.99	$ 36,679.84	$ 220,071.15
Engineering	4,952.93	4,952.93	
Sub-Total	($ 261,703.92)	($ 41,632.77)	($ 220,071.15)
4. Organized Activities Relating to Educational Depts.	$ 916,830.23	$ 127,121.53	$ 789,708.70
Total Current Restricted Funds	$ 3,013,142.18	$ 757,342.81	$ 2,255,799.37
Total Educational and General	$13,732,545.27	$ 7,791,159.81	$ 5,941,385.46
II. AUXILIARY ENTERPRISES			
A. Current Restricted			
1. Residence Halls	$ 1,150,573.35	$ 135,780.28	$ 1,014,793.07
2. Service Departments	$ 934,908.82	$ 62,815.04	$ 872,093.78
3. Storerooms and Printing	$ 1,489,445.84	$ 68,735.75	$ 1,420,710.09
4. Student Hospital	$ 146,620.57	$ 94,098.35	$ 52,522.22
5. Veteran's Housing	$ 176,762.39	$ 15,081.87	$ 161,680.52
6. Ames Laboratory of Atomic Energy Commission	$ 2,912,735.72	$ 1,577,494.71	$ 1,335,241.01
Total Auxiliary Enterprises	($ 6,811,046.69)	($ 1,954,006.00)	($ 4,857,040.69)
III. OTHER NON-EDUCATIONAL ENTERPRISES	$ 47,420.79		$ 47,420.79
GRAND TOTAL	$20,591,012.75	$ 9,745,165.81	$10,845,846.94

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
GIFTS FOR SPECIAL DEPARTMENTAL RESEARCH					
Division of Agriculture					
Aluminum Company of America	$ 1,134.00	$ 1,066.00*	$ 1,000.00	$ 1,068.00	
Borden Agricultural Scholarship	900.00	2,100.00*	1,500.00	300.00	
Farmers National Farm Management Scholarship	375.00	625.00*	500.00	250.00	
Ferguson Foundation Text	6,299.48		604.50	6,743.19	$ 160.79
Iowa Agricultural Lime Scholarship			200.00	200.00	
Knights of Ak-Sar-Ben Scholarship	2,834.00	2,932.00*	2,400.00	2,302.00	
LeRoy H. Dorsey Scholarship Fund	100.00			100.00	
Mabel L. Craft Memorial Scholarship	450.00	450.00*			
Poultry Scholarship Fund	2,058.00	1,808.00*		250.00	
Seed Certification Fellowship	24.90			24.90	
J. R. Watkins Co. Scholarship	100.00	100.00*	200.00	200.00	
WMT Farm Radio Journalism Scholarship	775.00	125.00		900.00	
WNAX Scholarship	1,375.00	675.00*	500.00*	200.00	
Sub-Total	($ 16,425.38)	($ 9,631.00)*	($ 5,904.50)	($ 12,538.09)	($ 160.79)
Division of Engineering					
Aluminum Company of America	$ 1,000.00*	$ 1,000.00	$ 1,000.00	$ 1,000.00	
Aluminum Company of America Engineering	2,000.00	2,000.00*			
Ethyl Corporation Scholarship		11.74*	1,800.00	1,788.26	
Fisher Foundation Scholarship	2,000.00	100.00*		1,900.00	
General Cable Corporation	1,000.00	1,000.00*	1,000.00	1,000.00	
General Electric Co. Scholarship			500.00	500.00	
Karl Keffer Assoc. Gift	1,000.00	2,400.00*	1,500.00	100.00	
Mortiz B. Zeiner Fund	199.57				$ 199.57
Sub-Total	($ 5,199.57)	($ 4,511.74)*	($ 5,800.00)	($ 6,288.26)	($ 199.57)
Division of Home Economics					
American Dietetic Association		$ 263.63*	$ 810.00	$ 546.37	
Borden Company Scholarship	$ 2,100.00	1,800.00*		300.00	
Boyd Research Fund	145.50				$ 145.50
Mabel L. Craft Memorial Scholarship	300.00			300.00	
Culligan Zeolite Company Fellowship	19.64			19.64	
Millers National Federation	100.00				100.00
National Livestock Meat Board			1,500.00		1,500.00
Sears Roebuck Foundation Scholarship			604.00	604.00	
Vaughn Memorial Fund			400.00		400.00

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
Veishea Cherry Pie Scholarship	1,046.52	1,516.77*	470.25		
WNAX Scholarship	2.00*	346.00*	500.00	152.00	
Sub-Total	($ 3,709.66)	($ 3,926.40)*	($ 4,284.25)	($ 1,922.01)	($ 2,145.50)
Industrial Science Research Institute					
AEC Statistical Analysis in Geological Problems			$ 11,413.71	$ 9,205.41	$ 2,208.30
Air Force Operation Analysis Unit P. 2530	$ 12,743.61*		31,641.84	27,211.25	8,313.02*
Alumni Achievement Fund			750.00	786.86	36.86*
Allstate Insurance Co. Grant for Driver Training	12,622.47		15,000.00	10,632.70	16,989.77
American Cyanamide Fellowship		$ 50.00*	2,000.00	2,005.42	55.42*
American Medical Association	30.34*			30.34*	
American Optometric Association	100.25			46.75	53.50
American Petroleum Grant			2,000.00	1,090.85	909.15
Armour and Company	109.65				109.65
Army Ordnance Corps. #2538			9,000.00	9,697.76	697.76*
Bakelite Fellowship Project 2509	4,090.35	4,436.27*	2,600.00	2,254.08	
Chemical Corps. Studies	354.94*		13,152.24	20,885.43	8,088.13*
Corn Industry Research		3,000.00*	3,000.00		
E. I. DuPont de Nemours	898.51	861.04*	2,600.00	2,637.47	
Eli Lilly and Company Grant	163.93				163.93
F. S. A. Cancer			4,044.00	3,482.15	561.85
B. F. Goodrich			6,828.01	7,974.29	1,146.28*
Hydrides of Boron				3,093.87	3,093.87*
Investigation Vertebrate Tests P. 2546			3,450.00	3,215.20	234.80
Iowa Economic Studies P. 262	1,103.25			1,052.31	50.94
Iowa State Conservation Commission	1,794.63	114.51*	12,500.00	7,110.61	7,069.51
Iowa State College Foundation Cosmic Ray P. 2112	381.12				381.12
Iowa State Highway Commission-Limestone P. 2523	1,499.49*		7,338.91	6,028.82	189.40*
Lederle Laboratory Project 2519	3,430.52		6,000.00	4,303.34	5,127.18
Minneapolis-Honeywell Fellowship		259.30*	1,500.00	1,240.70	
Minnesota Mining and Manufacturing Co.	2,890.04	1,028.94*		1,861.10	
Motorola Fellowship		7,000.00*	7,000.00		
Navy Chemistry Research Project 2206	4,243.36		8,000.00	9,776.58	2,466.78
Navy Survey—TV Project 2529	1,614.58*		9,325.96	10,012.98	2,301.60*
Nutrition Foundation	259.79			12.80	246.99
ONR Mathematics Analysis			1,079.80	1,648.80	569.00*
Outdoor Advertising Association	3,183.00		1,500.00	2,219.76	2,463.24
Park-Davis Company	26,784.52	30,714.72*	4,000.00	69.80	
Physics of Raindrop	141.35*		3,000.00	3,088.70	230.05*

Project 2022 Statistics	7,674.29		6,000.00	6,216.59	7,457.70
Psychology Naval Research	356.85*		5,364.05	5,940.35	933.15*
Quaker Oats Company	20.46		2,100.00	1,835.26	285.20
R & D High Temperature Lubricants			5,329.45	13,043.70	7,714.25*
Red Star Yeast Company	1,940.00			973.07	966.93
Redstone Arsenal Restricted			3,210.00	1,583.39	1,626.61
Research Corporation	593.06*	593.06			
Research Corporation—Cattrell Grant	2,136.15			1,830.31	305.84
Research Corporation—Photo Research	143.71		1,500.00	876.90	766.81
Research Corporation—Tropolone Research			2,000.00		2,000.00
Rockefeller Foundation Physics 250	639.73	30.31		669.57	
Sampling Research Project 887	11,940.58		36,527.28	37,703.74	10,764.12
Sigmund Livingston Memorial	450.23	450.23*			
Socony-Vacuum Oil Company	3,072.25	1,337.23*		1,735.02	
The Squibb Institute	1,888.15		8,000.00	6,430.46	3,457.69
Sylvania Electric Products, Inc.	818.86	151.14		1,000.00	
Tennessee Game and Fish Commission	1,243.05*		3,261.67	2,018.62	
Upjohn Company—Chemistry			3,000.00	2,530.08	469.92
Upjohn Company—Bacteriology	2,004.66			78.10	1,926.56
University of Chicago Computing				1,275.23	1,275.23*
U. S. Air Force—Project 2707	3,546.81*	95.10	26,168.92	26,800.52	4,083.31*
U. S. Air Force—Atmospheric Turbulence	6,041.19*	87.46	21,738.08	24,597.35	5,793.00*
U. S. Army Drivers Aptitude Test	3,668.43*	1,887.38	15,363.66	13,582.61	
U. S. Army Differential Characteristics of Drivers			15,345.00	17,307.81	1,962.81*
U. S. Army Project 2537	500.00*		1,811.91	5,139.59	827.68*
USDI National Park Service			7,000.00	7,000.00	
U. S. Public Health Service Project 2532	4,218.00		3,859.73	5,235.81	2,841.92
U. S. Public Health Service Project 2533	3,827.00		5,636.51	5,580.31	3,883.20
U. S. Public Health Service Project 2508	824.18	406.87*		414.31	
U. S. Public Health Service Project 2405	486.93	106.87	4,534.71	1,211.78	3,916.73
Wallace's Farmer Survey	10,555.97*		10,555.97		
Williams-Waterman Fund	541.60			322.99	218.61
Sub-Total	($ 61,839.00)	($ 16,407.76)*	($ 362,731.41)	($ 345,518.92)	($ 32,613.73)
GIFTS FOR AGRICULTURAL EXPERIMENT STATION					
Administration Federal Milk Marketing	$ 3,937.91			$ 1,150.66	$ 2,787.28
AEC Radiation Research	32,561.00*		$ 108,855.22	105,395.47	29,101.25*
Agricultural Foundations	3,760.70		8,826.00	6,105.34	6,481.36
Agricultural Research Administration Lard Studies	5,115.16*		6,000.00	4,288.32	3,403.48*
Agricultural Research Administration—Salmonella	790.64		8,500.00	5,152.06	4,138.58
Allied Chemical and Dye Corporation			2,000.00		2,000.00
Aluminum Structures Research	5,145.31		3,000.00	3,834.27	4,311.04
American Cancer Society	5,000.00		5,000.00	1,217.28	8,782.72
American Collodial Phosphate Association	2,314.14			1,947.04	367.10
American Collodial Swine Nutrition	2,500.00			1,017.03	1,482.97
American Dairy Association Vitamin	3,703.12			475.99	3,227.13
American Dehydrators Association			1,800.00	1,800.00	

* Overdraft.

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
American Hereford Association			4,194.53	3,877.23	317.30
American Maize Products	297.16				297.16
American Potash Institute	710.15		1,750.00	1,610.17	849.98
American Rose Society	471.99		300.00	224.17	547.82
American Seed Trade Association		434.83	6,500.00	6,934.83	
Ames Reliable Products Company	16.27		500.00	514.39	1.88
ARA Dextron—Chemistry			3,000.00		3,000.00
ARA Market News Media	3,893.51*		4,089.31	195.80	
ARA Soybean Meal	3,576.47		8,000.00	16,412.79	4,836.32*
ARA Statistics	11,095.58*		35,000.00	26,904.42	3,000.00*
ARA Grain Storage—Economics and Sociology			8,500.00	8,067.93	432.07
ARA Land Use			6,500.00	3,174.00	3,326.00
Armour and Company—Bacteriology	1,169.48		2,000.00	1,641.56	1,527.92
Armour and Company—Peptides			3,000.00	75.77	2,924.23
Armour and Company—Swine Nutrition	1,300.51		4,000.00	2,464.52	2,835.99
Armour Protein Fellowship	392.91			29.80	363.11
Association of American Railroads	5,227.69		4,000.00	5,559.62	3,668.07
Atlantic Refining Company	3,500.00		6,500.00	5,623.92	4,376.08
Bacteriophage Multiplication	5,626.86		5,854.33	8,033.89	3,447.30
BAE Livestock	3,084.87*		6,087.50	5,782.30	2,779.67*
BAI Egg White	1,614.79				1,614.79
Barley Improvement	521.87		300.00	253.53	568.34
Bluegrass Research Commission	1,945.96			939.11	1,006.85
Bowman Dairy Company	159.53			159.53	
Bristol Laboratory	23.53	107.67	2,000.00	2,131.20	
Bureau of Human Nutritions and Home Economics	1,561.79*	438.21*	2,000.00		
W. Atlee Burpee Company	740.63			108.10	632.53
CAD #1	16,541.47		16,000.00	13,572.84	18,968.63
CAD Crop Breeding	10,402.55		13,000.00	8,106.78	15,295.77
CAD Plant Introduction	135.35				135.35
CAD Seed Processing	3,068.56			614.54	2,454.02
CAD Swine Research	8,992.52	2,100.00	10,400.00	12,304.57	9,187.95
Calcium Carbonate Company	6.94		1,500.00	898.65	608.29
California Spray Chemical Company	49.95*		1,875.00	2,080.71	255.66*
California Spray Chemical Company—Botany	500.00			444.01	55.99
Carbide Chemical Weed Control	913.68		3,650.00	817.20	3,746.48
Carnation Company	819.90	226.18		1,046.08	
Chemical Corporation—Farm Crops	2,206.23*		7,135.95	6,680.57	1,750.85*
Chipman Chemical Company—Botany			2,000.00		2,000.00
W. A. Cleary Corporation			200.00		200.00
Clinton Company Corn Sugar	1,366.37	226.18*		980.83	159.36

Coke Oven Ammonia Research	393.84			361.75	32.09
Columbia Southern Chemical Corporation	500.00			367.49	132.51
Commercial Solvents Corporation			2,000.00	644.65	1,355.35
Consolidated Woten Power Company			2,500.00	1,732.40	767.60
Corn Industries Research Foundation	10,779.17		15,000.00	7,375.65	18,403.52
Cream of Alfalfa Corporation	939.50			218.55	720.95
Crookham Company	793.88			74.11	719.77
Crop Protection Institute	549.91	.08*		549.83	
Crop Protection Institute—Weed Control	3,621.05		1,000.00	3,558.51	1,062.54
Dairy Genetics Incorporated	81.00		2,075.35	1,070.41	1,085.94
Darling and Company	842.65		3,000.00	548.15	3,294.50
J. B. Davidson Fellowship	2,395.13				2,395.13
DeKalb Agricultural Association	480.98			439.78	41.20
Detection of Foreign Fats—Dairy			6,000.00	2,105.03	3,894.97
Dow Chemical Company—Nutrition			2,200.00		2,200.00
Eastern Iowa Artificial Breeding Association	1,713.63		3,931.50	2,317.70	3,327.43
Economic Cooperative Administration—Foreign Visitor	1,381.08		10,178.00	10,258.89	1,303.19
Egg Testion RMA	1,925.35		6,000.00	833.68	7,091.67
E. I. DuPont Company—Ruminant	3,000.00		3,300.00	3,003.99	3,296.01
E. I. DuPont—Swine Nutrition	2,495.50	107.67*		1,078.98	1,308.85
Farm Business Association	16.32	16.32*			
Farm Foundation			4,838.00	5,235.00	397.00*
Fertilizer Industry Committee	1,527.37		600.00	593.02	1,534.35
F. S. A. ACTH Research	5,704.58			5,033.41	671.17
F. S. A. Foulbrood	1,660.17	37.48*	4,161.71	4,539.21	1,545.19
F. S. A. Pantothenic Acid	791.92		3,996.00	4,335.82	452.10
General Foods—Corn			3,000.00	43.29	2,956.71
General Mills School Lunch	6,417.31		4,000.00	1,272.32	9,144.99
General Mills Vitamin A	905.15				905.15
General Unallocated	2,542.27	19.82	1,528.67	1,652.28	2,438.48
Hail Insurance Adjustment	3,519.59		1,825.00	833.02	4,511.57
Chris Hansen's Laboratories Incorporated	308.69				308.69
Henningsen Brothers Gift	471.37			273.76	197.61
Highway Commission Grass Seedings	147.52		2,000.00	168.72	1,678.80
Hooker Electro-Chemical Corporation			2,500.00		2,500.00
Hercules Powder Company			1,875.00	1,498.40	376.60
Iowa Agricultural Experiment Assoc. Corn Improvement	1,870.99	10.50	322.54	2,204.03	
Iowa Agricultural Experiment Assoc. Salaries	9,399.94			8,128.24	1,271.70
Iowa Beekeepers Association	136.67			82.22	54.45
Iowa Coal Research Association	1,169.62		5,500.00	5,314.66	1,354.96
Iowa Dairy Industry Commission	2,500.00		2,500.00	2,308.75	2,691.25
Iowa Florists	2,905.87		1,700.00	1,320.53	3,285.34
Iowa Greenskeepers Association	815.53			140.96	674.57
Iowa Milk Dryers Association	112.10			112.10	
Iowa Mutual Tornado Insurance	2,094.20		2,100.00	3,112.43	1,081.77
Iowa-Nebraska Canners Association—Sweetcorn	2,273.19		1,500.00	903.35	2,869.84
Iowa Real Estate Association	1,782.18			753.55	1,028.63
Iowa Soil Conservation Commission			2,000.00	1,275.84	724.16

* Overdraft.

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
Iowa State Board for Vocational Education	3,304.85		2,762.71	3,543.60	2,523.96
Iowa State Conservation Commission	855.92		12,500.00	8,751.17	4,604.75
Iowa Utilities Association	1,904.97	6,865.03		7,624.42	1,145.58
Institute de Fomento	141.86*		5,947.57	4,188.81	1,616.90
I. S. C. Research Foundation—Chemistry	239.64			174.06	65.58
I. S. C. Research Foundation—Dairy Industry	622.93	2,083.33		2,599.53	106.73
I. S. C. Research Foundation—Drainage Machine	494.61			287.71	206.90
I. S. C. Research Foundation—Farm Machinery	1,422.56	2.09		1,424.65	
I. S. C. Agricultural Foundation—Farm Service	202.09		1,000.00	1,188.74	13.35
I. S. C. Agricultural Foundation—Tiling Machine Development	1,500.01			209.56	1,290.45
I. S. C. Research Foundation—Terracer Development	247.41			247.41	
I. S. C. Research Foundation—Soymeal			525.00	525.00	
I. S. C. Guatemala Tropical Research Center #2	363.16		1,000.00	559.02	804.14
I. S. C. C. Administration			7,345.81		7,345.81
I. S. C. C. Botany			7,360.47	3,178.41	4,182.06
I. S. C. C. Forestry Management	10,706.28		293.72	10,177.17	822.83
I. S. C. C. Lake Studies	1,261.69		1,600.00	1,663.22	1,198.47
I. S. C. C. Prairie Tracts	59.59		350.00		409.59
Johnston and Associates			3,000.00	339.30	2,660.70
Lederle Laboratories			5,000.00	2,547.60	2,452.40
Lederle Laboratories—Calf Nutrition	1,540.63		2,500.00	2,409.74	1,630.89
Low Grade Beef RMA	4,451.18*		2,000.00	204.72	2,655.90*
Maney Memorial	198.60				198.60
Matheson Chemical Corporation			2,500.00	303.15	2,196.85
May Seed Company—Onions			200.00	57.28	142.72
Merck and Company			2,500.00	1,501.89	998.11
Middlewest Soil Improvement	1,910.31		2,000.00	3,037.55	872.76
Midwest Agricultural Foundation	137.75			90.00	47.75
Moorman Manufacturing Company			1,800.00	1,800.00	
National Association of Mutual Insurance	1,178.84		3,000.00	2,028.56	2,150.28
National Conference of Christians and Jews	1,850.86		6,500.00	4,664.27	3,686.59
National Livestock and Meat Board	1,100.03			1,100.03	
National Livestock and Meat Board—Frozen Meats			3,800.00	1,909.21	1,890.79
National Polio Foundation			1,000.00	954.11	45.89
National Oak Wilt Research Company	9,594.94		10,000.00	9,699.69	9,895.25
National Social Welfare			1,000.00	989.69	10.31
Naugatuck Chemical Division	889.10			850.00	39.10
New Holland Machine Division			2,000.00		2,000.00
North Iowa Agricultural Experiment Association	4,761.47		1,818.53	6,210.49	369.51
Northwest Iowa Federal Breeders	1,232.12		1,263.00	684.05	1,811.07
Northrup King and Company	2,960.01			598.20	2,361.81

N. R. C. Bee Research	17.00		3,500.00	3,436.24	110.76
Nursery Studies	1,129.82		3,300.00	3,624.87	804.95
O. N. R. Botany	180.59*		2,000.00	2,558.15	738.74*
O. N. R. Fungicides				371.76	371.76*
O. N. R. Proteins			4,500.00	5,811.01	1,311.01*
Pacific Coast Borax Company	1,581.46	18.00		1,599.46	
Charles Pfizer and Company	37.48*	37.48	3,000.00	2,730.30	269.70
Pioneer Hi-Bred Corn Company	5,000.00				5,000.00
Pioneer Hi-Bred Corn—Farm Crops	5,000.00			1,200.00	3,800.00
Pittsburgh Agricultural Chemical Company	2,085.66			1,227.26	858.40
Popcorn Breeding	5,544.42		2,225.00	2,591.21	5,175.21
Poultry and Egg National Board	102.41				102.41
Q. M. C. Anaerobic Spores	1,500.25*		1,500.25		
Q. M. C. Cured Meats				1,442.17	1,442.17*
Q. M. C. High Temperature—Animal Husbandry	2,152.18*		2,696.26	544.08	
Q. M. C. Preprocessed Beef			10,107.08	14,592.03	4,484.95*
Q. M. C. Spores Incidence	633.98*		4,150.50	4,744.31	1,227.79*
Q. M. C. Sweet Corn	2,241.49*		2,702.77	1,114.28	653.00*
Quaker Oats Graduate Assistantships	4,118.22		3,500.00	3,258.46	1,359.76
Reynolds Farm Institute			4,000.00	2,786.81	1,213.19
Reynolds Metal Company	2,345.07		6,187.50	9,389.77	857.20*
Rockefeller Foundation Genetics	1,630.43			2,244.16	613.73*
Rockefeller Growth Research	2,954.70		2,250.00	3,108.33	2,096.37
Dr. Salsbury Laboratory			1,060.00	540.00	460.00
Schreiber Mills Incorporated	2,000.00		2,000.00	3,911.99	88.01
Southeast Iowa Experimental Association	113.67		25.93	139.60	
Shelby County Assessor			5,000.00		5,060.00
Shell Chemical Company	1,138.17		4,375.00	2,310.72	3,502.45
Shell Chemical Company—Botany	600.00		1,200.00	597.81	1,202.19
Sherwin-Williams Weed Control	613.61			404.32	209.29
Smith-Douglas Company—Soils			1,000.00		1,000.00
Social Science Research Council	3,341.99		5,421.00	2,722.38	6,040.61
Spencer Fertilizer	3,216.54		2,500.00	2,163.76	3,552.78
E. R. Squibb—Animal Husbandry			1,000.00	517.88	482.12
Standard Oil Company—Herbicedes			2,000.00		2,000.00
Structural Clay Products	618.00			606.31	11.69
Sugar Research Foundation			5,000.00	4,657.67	342.33
Swift and Company—Beef Research	106.93				106.93
Swift and Company—Protein	222.70				222.70
Tennessee Tribasis	527.89	$0.63*		527.26	
Tennessee Valley Authority Fertilizer	320.04*		9,250.00	8,135.61	794.35
Union Stock Yards			16,071.48	23,072.40	7,000.92*
Upjohn Company	895.15			760.96	134.19
U. S. Air Force—Dew				5,885.56	5,885.56*
U. S. D. A. Foreign Agricultural Relations	845.28		948.99	1,806.14	11.87*
U. S. D. A. Television	16,771.16		9,192.26	16,475.80	9,487.62
U. S. Y. Special—Special Research and Development			5,000.00	3,037.60	1,962.40

* Overdraft.

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
Veliscol Corporation Entomology	378.13		1,000.00	343.02	1,035.11
Veliscol Corporation Horticulture	500.00			75.00	425.00
Walnut Grove Products	2,084.68		1,500.00	2,001.20	1,583.48
Waverly Sugar	507.46				507.46
Weather Bureau	6,877.25		1,500.00	1,473.83	6,903.42
Western Condensing Company—Calf Nutrition	2,838.08		3,000.00	2,046.16	3,791.92
Wildlife Management			1,000.00	1,000.00	
A. G. Zimmerman Fund	960.00			281.25	678.75
Sub-Total	($ 234,502.32)	($ 11,048.36)	($ 644,420.44)	($ 610,817.21)	($ 279,153.91)
FOR AMES LABORATORY					
Ames Laboratory	$ 15,511.80*	$ 1,283.88	$ 810.92		$ 13,417.00*
AEC Advance Fund	329,546.56		2,764,584.45	$2,912,735.72	181,395.29
Sub-Total	($ 314,034.76)	($ 1,283.88)	($2,765,395.37)	($2,912,735.72)	($ 167,978.29)
FOR INSTITUTE FOR ATOMIC RESEARCH					
AEC Project #1	$ 99.27*		$ 7,545.91	$ 7,488.28	$ 41.64*
AEC Project #2	989.55		1,200.00	2,941.63	752.08*
AEC Project #3	880.60			783.18	97.42
AEC Project #4	1,285.30*		5,977.53	2,348.15	2,344.08
AEC Project #5	3,187.27*		7,728.13	1,814.13	2,726.73
I. A. R. Director and Science Dean's Account	3,048.13	$ 3,048.13*			
Motorola Fellowship			1,000.00		1,000.00
Overhead Expenditures	1,958.41	1,958.41*			
Sub-Total	($ 2,304.85)	($ 5,006.54)*	($ 23,451.57)	($ 15,375.37)	($ 5,374.51)
FOR ENGINEERING EXPERIMENT STATION					
A. C. Network Analyser	$ 1,859.09*		$ 2,400.00	$ 6,787.20	$ 6,246.29*
American Iron and Steel Institute Fund	1,460.80				1,460.80
Chicago and Northwestern Survey of Mineral Resources				4.71	4.71
Ed Orton Jr. Ceramic Foundation	34.25	$ 534.25*	1,200.00	700.00	
E. I. DuPont de Nemours and Company	481.01	39.63*		441.38	
Iowa State Highway Commission Fine Materials	8,865.40*		27,803.94	23,535.60	4,597.06*
Iowa State Highway Commission Lateral Pressures	493.91*		13,187.27	15,053.13	2,359.77*
Iowa State Highway Commission O & D Traffic	468.11*		766.14	298.03	
Iowa State Highway Commission Sand Studies	1,599.78*		3,423.97	1,824.19	
Iowa State Highway Commission Shale	230.88*		3,761.43	5,729.70	2,199.15*
I. S. C. Research Foundation	121.93*		121.93		

Jefferson Telephone	34.34			26.10	8.24
Lee Lincoln Foundation	398.12	400.00*		1.88*	
Loess and Glacial Till Investigation	2,685.75	7,152.50*	26,608.57	26,984.32	4,842.50*
Marston Medal Fund	101.79	104.01*	75.00	72.78	
Mc'-O-Iron Chemical Company	240.11				240.11
Na'ional Advisory Comm ittee for Aeronautics	9,163.51*	7,152.50	7,252.50	5,768.07	526.61*
Na'ional Concrete Masonry Association				271.44	271.44*
O. N. R. Creativity in Machine Design	747.38*		8,903.31	10,868.18	2,712.25*
Public Roads Administration Coop. Research Fund	4,850.92		54.35	1,077.51	3,827.76
Rauh-Marenet Foundation		7,783.36*	8,000.00	216.64	
Research Corporation	2,050.00			527.77	1,522.23
Structural Clay Products				2.00	2.00*
Utilities Research Commission	27.96*		57.55	1.63	27.96
Utilities Research Commission for Wood Preservation	$ 418.02*		$ 1,710.30	$ 347.55	$ 944.73
U. S. Public Health—Garbage Treatment			19,500.00		19,500.00
Westinghouse Fellowship Mechanical Engineering	.98*	$ 799.02*	2,000.00	1,200.00	
Wright Air Development Center	2,217.56*		8,620.43	8,443.50	2,040.63*
Sub-Total	($ 13,877.45)*	($ 9,660.27)*	($ 135,446.69)	($ 110,179.55)	($ 4,729.42)
FOR VETERINARY RESEARCH					
Army Chemical Corps	$ 3,156.39*		$ 28,159.73	$ 32,584.13	$ 7,880.79*
Associated Serum Producers	19,001.45		25,000.00	19,796.57	24,204.88
Borden Company Foundation	1,500.00	$ 1,200.00*		300.00	
Charles Pfizer Company, Inc.			1,000.00	891.93	108.07
I. S. C. Research Foundation—Soybeans	16.22			16.22	
Merck and Company, Inc.	65.80			65.80	
Paul Starch Phi Zeta	18.00	18.00*	5.00	5.00	
Veterinary Pasteurella Research	15.21			15.21	
Sub-Total	($ 17,160.29)	($ 1,218.00)*	($ 54,164.73)	($ 53,671.86)	($ 16,432.16)
FOR GENERAL RESEARCH					
Board of Control Script			$ 500.00	$ 500.00	
Iowa Utilities Association	$ 1,174.68	$ 12,950.25*	12,000.00		$ 224.43
I. S. C. Research Foundation Patent Committee	1,410.38	2,083.33*	5,000.00	3,625.49	731.56
The Ford Foundation	23,743.43		181,703.54	170,678.78	34,768.19
Sub-Total	($ 26,358.49)	($ 15,033.58)*	($ 199,203.54)	($ 174,804.27)	($ 35,724.18)
FOR AGRICULTURAL EXTENSION					
American Seed Trade Association	$ 19.68			$ 19.68	
Creamery Quality	20,950.39		$ 25,707.30	15,771.54	$ 886.15
Iowa Chain Store Council			1,335.00	1,322.75	12.25
Iowa Crop Improvement Association			2,695.44	2,699.04	3.60*
Iowa Utilities Association	734.78	$ 6,085.22		5,539.43	1,280.57
Sub-Total	($ 21,704.85)	($ 6,085.22)	($ 29,737.74)	($ 55,352.44)	($ 2,175.37)

* Overdraft.

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
FOR ENGINEERING EXTENSION					
R. E. A. Safety Job Training	$ 14.60*		$ 5,220.00	$ 4,952.93	$ 253.07
Sub-Total	($ 14.60)*		($ 5,220.00)	($ 4,952.93)	($ 253.07)
GIFTS FOR SCHOLARSHIPS AND STUDENT AID					
General					
American Cyanamid Company	$ 50.00*	$ 50.00			
Amos Beutell Scholarship			$ 100.00	$ 100.00	
Atlantic Veterans of Foreign Wars	50.00		200.00	250.00	
Charles F. Bowers Fund	4.09	56.59*	52.50		
W. C. Bryant Scholarship	1,009.40	1,216.80*	907.40	760.00	
Carbide and Carbon Chemical Co.	500.00			500.00	
George W. Catt	20,443.48		6,946.60	4,149.16	$ 23,240.92
Collins Radio Company			100.00	100.00	
Frances A. Coover Scholarship	150.00	150.00*	150.00	150.00	
T. E. Davidson Scholarship	130.00				130.00
Electrical Engineering and Equipment Company	150.00	150.00*	150.00	150.00	
Federal Land Bank of Omaha		600.00*	600.00		
Vera Foreman Friley Scholarship	135.16	140.16*	55.00	50.00	
German Trainee—Home Economics	168.43			168.43	
George Gund	2,571.54	2,348.16*	1,276.62	1,500.00	
Hawthorne Scholarship	126.00			75.00	51.00
Ella R. Hughes Memorial	678.72		281.05	350.00	609.77
Mary Huncke—Student Aid Fund			15,270.00	11,765.00	3,505.00
International Harvester—F. E. Scholarship	2,800.00			2,799.16	.84
Archer-Daniels-Midland Corporation			500.00	500.00	
Port Washington Scholarship			400.00	400.00	
Iowa Centennial Memorial Scholarship		125.00			125.00
Kimball Memorial Fund	5.00		10.00		15.00
E. W. Lindstrom Library Memorial	1,712.19		30.00		1,742.19
Memorial Prize	86.94		140.00	165.00	61.94
Edwin T. Meredith Foundation	4,185.04			14.96*	4,200.00
John Morse Memorial Foundation Scholarship	330.00		2,670.00	3,000.00	
LaVerne Noyes Scholarship	10,489.26		13,857.00	14,800.00	9,546.26
Navy V-12 Gift Fund	666.00				666.00
Pearlstine Agricultural Scholarship	100.00	100.00*			
Rath Packing Company Scholarship			500.00	500.00	
Maria M. Roberts	2,556.87		178.75		2,735.62
Sears, Roebuck and Company	168.00	768.00*	4,582.00	3,982.00	
Paul P. Stewart Memorial Scholarship	212.45	289.95*	377.50	300.00	

Student Health Aid	361.05		75.00	286.05
Universal Oil Products Company	500.00*	1,000.00	500.00	
U. S. State Department—German Trainees	.30*	.30		
Walls Fund	1,854.09	1,942.09*	495.00	407.00	
Weed and Company	500.00			500.00
Clyde Williams Scholarship	50.00			50.00
Sub-Total	($ 51,643.41)	($ 8,086.75)*	($ 51,329.72)	($ 47,420.79)	($ 47,465.59)
Agriculture					
Aluminum Company of America Scholarship	$ 1,066.00			$ 1,066.00
W. C. Bryant Scholarship	1,216.80			1,216.80
Mable L. Craft Memorial	450.00			450.00
Alfred I. DuPont Award	425.00*	$ 1,000.00		875.00
Farmers National Farm Management Scholarship	625.00			625.00
Federal Land Bank of Omaha Scholarship	600.00			600.00
Forney Foundation	500.00			500.00
George Gund Agricultural Scholarship	2,348.16			2,348.16
Knights of Ak-Sar-Ben Scholarship	2,932.00			2,932.00
Pearl'ine Agricultural Scholarship	100.00			100.00
Poultry Industry Scholarship	1,808.00			1,808.00
Sears, Roebuck and Company Scholarship	768.00			768.00
Paul P. Stewart Memorial Scholarship	289.95			289.95
J. R. Watkins Company Scholarship	100.00			100.00
WNAX Scholarship	675.00			675.00
Sub-Total	($ 12,853.91)	($ 1,500.00)		($ 14,353.91)
Engineering				
Aluminum Company of America Scholarship	$ 1,000.00			$ 1,000.00
Charles F. Bowers Scholarship	56.59			56.59
Frances Coover Scholarship	150.00			150.00
E. I. DuPont Company Scholarship	39.63			39.63
Electrical Engineering and Equipment Co. Scholarship	150.00			150.00
Ethyl Corporation Scholarship	11.74			11.74
Fisher Foundation	100.00			100.00
General Cable Corporation	1,000.00			1,000.00
Karl Keffer Association Gift	2,400.00			2,400.00
Lee Lincoln Foundation Scholarship	400.00			400.00
Marston Medal Award	104.01			104.01
Ed Orton Jr. Ceramic Foundation Fellowship	534.25			534.25
Rauh-Marquet Foundation Fellowship	7,783.36			7,783.36
Square D. Company Fellowship		$ 375.00		375.00
Universal Oil Products Scholarship	500.00			500.00
Westinghouse Fellowship	799.02			799.02
Sub-Total	($ 15,028.60)	($ 375.00)		($ 15,403.60)

* Overdraft.

RESTRICTED CURRENT FUNDS

	Balance July 1, 1952	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1953
Home Economics					
American Dietetics Association Fellowship		$ 263.63			$ 263.63
Borden Company Scholarship		1,800.00			1,800.00
Vera F. Friley Scholarship		140.16			140.16
Veishea Cherry Pie Scholarship		1,516.77			1,516.77
Florence Walls Scholarship		1,942.09			1,942.09
WNAX Scholarship		346.00			316.00
Sub-Total		($ 6,008.65)			($ 6,008.65)
Science					
Bakelite Fellowship Project 2509		$ 4,436.27			$ 1,436.27
Corn Industry Research Project 2555		3,000.00			3,000.00
E. I. DuPont Company Fellowship		861.04			861.04
Minneapolis-Honeywell Fellowship		259.30			259.30
Minnesota Mining and Manufacturing Company		1,028.94			1,028.94
Motorola Fellowship Project 2553		7,000.00			7,000.00
Park-Davis Company Fellowship		30,714.72			30,714.72
Sigmund Livingston Memorial Fellowship		450.23			450.23
Socony-Vacuum Oil Company Fellowship		1,337.23			1,337.23
Sub-Total		($ 49,087.73)			($ 49,087.73)
Veterinary Medicine					
Borden Company Fellowship		$ 1,200.00			$ 1,200.00
Paul Starch Phi Zeta		18.00			18.00
Sub-Total		($ 1,218.00)			($ 1,218.00)
Sub-Total for All Gifts, Grants and Research Contracts	($ 740,991.13)	($ 867.69)*	($4,288,964.96)	($4,351,610.42)	($ 677,477.98)
DEPOSITS CARRIED IN RESTRICTED CURRENT FUNDS					
A. E. S. Advance	$ 2,000.00		$ 3,230.00	$ 3,230.00	$ 2,000.00
Hazim F. Allos	1,310.00			1,310.00	
Cheo-Chen Li			940.00	940.00	
Doctors Thesis Deposits	5,720.00		3,045.00	7,435.00	1,330.00
General Travel Advance	1,050.00		2,625.00	3,535.00	140.00
Home Management Deposits	230.00		1,132.50	250.00	1,112.50
Iowa Centennial Memorial Foundation Scholarship	100.00	$ 125.00*	250.00	225.00	
Key Deposits	11.00		282.00	1.00	292.00
George W. Lathrop Citizenship Fund	60.00			60.00	

Military Uniforms Deposit			12,215.00	12,215.00	
Military Uniforms Shortage Account	99.48		605.70	336.66	368.52
Moosecheart Scholarship			850.00	850.00	
Private Trailer Camp Deposits	720.00			390.00	830.00
Room Rent Deposits	33,930.00		24,290.00	23,090.00	35,130.00
Salman A. Ali	1,752.40		45.00	1,797.40	
Science Dean's Travel Advance	1,203.13		1,000.00	3,850.00	1,353.13
Teachers Certificate Deposits	25.00		277.00	294.00	8.00
Towel Deposits—P. E. for Men	1,149.26		1,783.50	1,251.39	1,681.37
Tuition Deposits	8,450.00		16,975.00	14,500.00	10,925.00
Veterans Fire Extinguishers	96.00		36.00	72.00	60.00
Veterans Housing Deposits	10,270.00		6,130.00	5,550.00	10,850.00
Sub-Total	($ 68,176.27)	($ 125.00)*	($ 78,711.70)	($ 81,182.45)	($ 65,580.52)
Grand Total Restricted Funds	$ 809,167.40	$ 992.69*	$4,367,676.66	$4,432,792.87	$ 743,058.50†

* Overdraft.

† Balance at June 30, 1953 includes the following:

Cash in Bank		$ 524,983.00
Petty Cash (Institute de Fomento)		1,000.00
U. S. Bonds:		
Group Investment	$ 214,929.50	
Navy V-12 Gift Fund	666.00	
LaVerne Noyes Fund	1,480.00	$ 217,075.50
Total as above		$ 743,058.50

REPAIRS, REPLACEMENTS, AND ALTERATIONS

Statement of Expenditures for Period July 1, 1952 to June 30, 1953

Improvement to Other Than Buildings		
Heating and Power Plant		
Conversion of Steam Generator No. 5	$ 11,812.09	
Extension of Low Voltage Switch Gear	49.74	
Station Power Transformer	481.60	
Wiring and Electrical Work—Steam Generator No. 2	4,060.38	
Installation of Steam Generator	193,076.09	
Engineering Fees	2,469.49	
Electrical Distribution System	33,482.59	
Total Added to Fixed Assets		$ 245,431.98
Repairs		
College Hospital	$ 12,116.16	
Library	10,766.33	
Chemistry Building	7,163.01	
Home Economics	8,590.86	
Heat Tunnels	1,555.81	
Veterinary Research Transformers	723.98	
Science Building	9,704.70	
Chemical Engineering Building	10,072.93	
Marston Hall—Lighting	419.74	
Power Plant Boilers	15,253.92	
Horse Barn—Roofing	2,720.24	
Physics Bldg.—Lighting	533.90	
Dairy Farm—Repair Main Barn	795.38	
Poultry Farm—Repair 3 Houses	1,227.44	
Swine Nutrition Laboratory—Repair Ventilation	1,311.37	
Beardshear Hall—Tuck-pointing	4,760.00	
Curtiss Hall—Paint and repair auditorium, light fixtures, seats, renovate various other rooms	71,319.52	
Paving and Walks	648.57	
Campus Sheep Lots—Fencing	1,244.94	
Morrill Hall—Repointing Brick	2,657.96	
Women's Gym—Repointing Brick	1,902.96	
The Knoll—Heating System Replaced	4,510.80	
Agronomy Farm Laboratory—Electrify Elevator	1,648.52	
Total Repairs		$ 171,649.04
Total Net Expenditures		$ 417,081.02
Credits and Refunds Received		
On Additions to Fixed Assets	$ 2,176.81	
On Repairs	1,850.18	
Total Credits and Refunds Received		$ 4,026.99
Total Cash Disbursements		$ 421,108.01

LOAN

Statement

	Date Established	Assets July 1, 1952		
		Cash	Notes	Investments
REGULAR LOAN FUNDS				
Bachelor Debating Society	1930	$ 1,718.10	$ 2,531.60	$ 5,000.00
Braddock Memorial	1945	545.15		500.00
Mary D. Budge Memorial	1938	379.70		1,000.00
Class of 1896	1946	346.78	1,356.50	1,000.00
Julia T. Colpitts	1937	285.73	400.00	1,500.00
Blair Converse Memorial	1939	419.61	200.00	1,500.00
Ida V. Deal Memorial	1941		1,000.00	
Gardner Memorial	1943	240.89	400.00	500.00
Guthrie Memorial	1944	211.26	140.00	
International Harvestor	1929	411.26	280.43	870.00
Guy M. Lambert Dairy	1952	350.00	650.00	
Kimball Loan Fund	1952	100.00	900.00	
Catherine MacKay	1921	146.28*	2,076.05	8,570.00
Military	1934	21.36		370.00
George I. Miller	1939	719.00	140.00	9,000.00
Joe S. Morrison	1939	55.33	590.00	
Sophia Schott Morrison	1949	542.71	619.98	
Mortenson	1940	507.05	300.00	500.00
Hattie M. Newens	1910	286.94	220.00	1,000.00
Quaker Oats	1929	461.69	170.00	1,240.00
Maria M. Roberts	1940	210.53	2,949.00	3,500.00
Ruggles Memorial	1944	42.76	500.00	
Francis A. Sheldon Memorial	1925	2,016.37	249.50	13,640.00
Julia M. Smith	1931	383.73	270.00	
George Sokol	1935	105.61	1,485.00	1,240.00
Frank Walsh	1946	274.09	760.00	
Gordon S. Wattles	1912	2,671.33	5,178.24	16,700.00
Georgia White	1922	343.98	176.00	1,500.00
Total Regular Loans		($13,504.68)	($23,535.30)	($69,130.00)
STUDENT WAR LOANS			$ 3,842.14	
GENERAL STUDENT LOANS		$13,794.07	8,543.00	$ 4,740.00
Total		$27,298.75	$35,990.44	$73,870.00

* Overdraft.
† Includes $22.66 Due from Endowment Funds.

FUNDS
of Assets

Additions			Deductions			Assets June 30, 1953		
Principal	Income	Transfer	Principal	Expense	Transfer	Cash	Notes	Investments
	$ 163.21			$ 92.18		$ 360.13	$ 3,960.60	$ 5,000.00
	12.50			4.60		553.05		500.00
	25.00			8.82		395.88		1,000.00
$ 460.40	39.95			12.81		889.32	1,301.50	1,000.00
	55.43			19.06		722.10		1,500.00
	37.50			13.56		293.55	350.00	1,500.00
			$ 1,000.00					
	12.50			4.98		488.41	160.00	500.00
						271.26	80.00	
	24.54		1,582.58	3.65				
	7.93			1.99		435.94	570.00	
1,000.00	9.14			2.29		213.15*	2,220.00	
	148.32			54.80		797.06	1,226.23	8,570.00
			391.36					
	246.77			87.50		1,018.27		9,000.00
	14.40			6.67		553.06	100.00	
	23.44			7.80		438.33	740.00	
	12.50			5.35		714.20	100.00	500.00
	25.00			8.49		343.45	180.00	1,000.00
700.00	27.04			11.30		1,347.43		1,240.00
	213.95			77.13		1,542.65*	4,839.00	3,500.00
	3.79			1.06		105.49	440.00	
	1,343.69			277.18		1,843.58	724.46†	14,397.34
	5.43			26.75		162.41	470.00	
	61.90			18.27		468.24	1,166.00	1,240.00
	23.80			5.95		6.94	1,045.00	
	1,249.76			550.08		288.01	8,261.24	16,700.00
	55.50			17.14		558.34		1,500.00
($ 2,160.40)	($ 3,842.99)		($ 2,973.94)	($ 1,319.41)		($11,298.65)	($27,934.03)	($68,647.34)
	$ 185.50		$ 49.50	$ 185.50		$ 35.00	$ 3,757.64	
7,580.74	1,571.46			436.76		19,478.11	10,334.40	5,980.00
$ 9,741.14	$ 5,599.95		$ 3,023.44	$ 1,941.67		$30,811.76	$42,026.07	$74,627.34

LOAN FUNDS
STATEMENT OF OPERATION

	Outstanding July 1, 1952	Granted 1952-1953	Repaid 1952-1953	Outstanding June 30, 1953	Net Income
REGULAR LOAN FUNDS					
Bachelor Debating Society	$ 2,531.60	$ 2,939.00	$ 1,510.00	$ 3,960.60	$ 71.03
Braddock Memorial					7.90
Mary D. Budge Memorial					16.18
Class of 1896	1,356.50	525.00	580.00	1,301.50	27.14
Julia T. Colpitts	400.00		400.00		36.37
Blair Converse Memorial	200.00	150.00		350.00	53.94
Ida V. Deal Memorial	1,000.00		1,000.00		
Gardner Memorial	400.00		240.00	160.00	7.52
Guthrie Memorial	140.00		60.00	80.00	
International Harvestor	280.43		280.43		20.89
Guy M. Lambert Dairy	650.00	220.00	300.00	570.00	5.94
Kimball Loan Fund	900.00	1,950.00	630.00	2,220.00	6.85
Catherine MacKay	2,076.05	380.00	1,229.82	1,226.23	93.52
George I. Miller	140.00		140.00		159.27
Joe S. Morrison	590.00		490.00	100.00	7.73
Sophia Schott Morrison	619.98	400.00	279.98	740.00	15.64
Mortenson	300.00		200.00	100.00	7.15
Hattie M. Newens	220.00		40.00	180.00	16.51
Quaker Oats	170.00		170.00		15.74
Maria M. Roberts	2,949.00	3,435.00	1,545.00	1,839.00	136.82
Ruggles Memorial	500.00		60.00	440.00	2.73
Frances A. Sheldon Memorial	242.50	933.66	451.70	724.46†	619.23
Julia M. Smith	270.00	400.00	200.00	470.00	21.32*
George Sokol	1,485.00	200.00	519.00	1,166.00	13.63
Frank Walsh	760.00	655.00	370.00	1,045.00	17.85
Gordon S. Wattles	5,178.24	5,678.00	2,595.60	8,261.24	699.68
Georgia White	176.00		176.00		38.36
Sub-Total	($ 23,535.30)	($ 17,865.66)	($ 13,466.93)	($ 27,934.03)	($ 2,523.58)
STUDENT WAR LOANS	$ 3,842.14		$ 84.50	$ 3,757.64	
GENERAL STUDENT LOANS	$ 8,543.00	$115,674.79	$113,883.39	$ 10,334.40	$ 1,134.70
Total	$ 35,920.44	$133,540.45	$127,434.82	$ 42,026.07	$ 3,658.28

STATEMENT OF UNEXPENDED PLANT FUNDS

	From Capital Appropriations	Transfer From Other Funds	From Borrowings	From Sale of Scrap Refunds, Etc.	Total
Beginning Balance July 1, 1952	$ 83,990.60	$270,922.27	$ 59,981.45	$ 9,119.62	$424,313.94
Additions during Year	100,000.00	317,384.38	....	16,777.16	434,161.54
Total Available	$183,990.60	$588,306.65	$ 59,981.45	$ 26,196.78	$858,475.48
Expenditures					
For Buildings	$195,548.63	$139,875.57	$ 44,766.13	$ 10,514.86	$390,705.19
For Equipment	..	97,489.63	7,904.97	489.48	105,884.08
For Improvements Other Than Buildings	.....	25,353.05	....	.....	25,353.05
For Payment of Dormitory Notes	.....	275,000.00	9,000.00	.....	284,000.00
Total Deductions	$195,548.63	$537,718.25	$ 61,671.10	$ 11,004.34	$805,942.32
Balance June 30, 1953	$ 11,558.03*	$ 50,588.40	$ 1,689.65*	$ 15,192.44	$ 52,533.16

* Indicates Overdraft.

STATEMENT OF FUNDS INVESTED IN PLANT

	From Plant Funds			R. R. & A.	From Current Funds, Gifts, Etc.	Total
	Capital Appropriations	Other	Borrowings			
Net Investment in Plant, July 1, 1952						$26,681,537.34
Advance by Catt Funds to Allen Farm						12,000.00
Notes Payable on Residence Halls						675,000.00
						$27,368,537.34
ADDITIONS:						
Buildings:						
Ag. Engr. Farrier's Shop & Storage		$ 944.00				$ 944.00
Agronomy Hall	$ 83,883.88	7,641.95				91,525.83
Genetics Laboratory		59,928.14				59,928.14
Plant Introduction Greenhouse					$ 3,188.98	3,188.98
Electrical Engineering		62,168.84				62,168.84
Science Hall Annex	111,664.75					111,664.75
Veterinary Isolation Unit		16,032.50				16,032.50
Ankeny Farm—Beef Cattle Shed		25.92			8,400.71	8,426.63
Ankeny Farm—Headquarters		829.98				829.98
Ankeny Farm—Turkey Mating House					3,901.79	3,901.79
Conservation Area—Frame Buildings (7)					23,042.79	23,042.79
Friley—Hughes Addition		2,819.10				2,819.10
Home Management Duplex A			$ 22,383.06			22,383.06
Home Management Duplex B			22,383.07			22,383.07
Bookstore Addition					7,142.79	7,142.79
Swine Research Farm—Farrowing Houses					3,050.69	3,050.69
Sub-Total	$ 195,548.63	$ 150,390.43	$ 44,766.13		$ 48,727.75	$ 439,432.94
Improvements Other Than Buildings:						
Heating and Power Plant				$ 211,949.39		$ 211,949.39
Electric System				33,482.59		33,482.59
Ankeny Farm Utilities					$ 635.00	635.00
Metallurgy Research Parking Area		$ 24,426.05				24,426.05
Class of 1906 Memorial (Library Entrance)		927.00			352.65	1,279.65
Sub-Total		$ 25,353.05		$ 245,431.98	$ 987.65	$ 271,772.68

Equipment:						
Administration and General					$ 76,531.73	$ 76,531.73
Instruction		$ 97,979.11			235,938.87	333,917.98
Research					381,946.69	381,946.69
Extension					78,460.01	78,460.01
Library					82,021.94	82,021.94
Physical Plant					34,128.93	34,128.93
Residence Halls			$ 7,904.97		22,600.12	30,505.09
Other Auxiliary Enterprises					132,929.75	132,929.75
Sub-Total		$ 97,979.11	$ 7,904.97		$ 1,044,558.04	$ 1,150,442.12
Total Additions	$ 195,548.63	$ 273,722.59	$ 52,671.10	$ 245,431.98	$ 1,094,273.44	$ 1,861,647.74

DEDUCTIONS:		
Buildings	$ 15,250.00	
Equipment Retired and Transferred	580,689.21	
Electric System	25,000.00	
Total Deductions	$ 620,939.21	
Investment in Plant June 30, 1953, Including Borrowings		$28,609,245.87
Advance by Catt Funds to Allen Farm		11,000.00
Notes Payable on Residence Halls		391,000.00
Net Investment in Plant June 30, 1953		$28,207,245.87

ENDOWMENT OF OTHER NON-EXPENDABLE FUNDS

Statement of Principal

	Balance June 30, 1952	Additions or Deductions	Balance June 30, 1953	Distribution of Balance		
				Cash	Bonds	Other
FOR EDUCATIONAL PURPOSES						
United States Land Grant (1862)	$ 546,942.76		$ 546,942.76			
College Endowment, Earnings and Other Additions	213,353.94	$ 52.50	213,406.44	$ 458.20	$ 694,000.00	$ 72,891.00*
College Endowment, John Clay Gift (1922)	7,000.00		7,000.00			
Sub-Total	($ 767,296.70)	($ 52.50)	($ 767,349.20)	($ 458.20)	($ 694,000.00)	($ 72,891.00)
FOR RESEARCH						
Hinds Agricultural Research Fund (1940)	$ 22,500.00		$ 22,500.00			$ 22,500.00†
FOR STUDENT AID AND AWARDS						
Charles F. Bowers Memorial Fund (1945)	$ 2,110.00		$ 2,110.00	$ 10.00	$ 2,100.00	
W. C. Bryant Scholarship Fund (1948)	8,477.50		8,477.50		100.00	$ 8,377.50‡
George W. Catt Scholarship Fund (1922-1942-1947-1950)	239,637.85		239,637.85	1,416.34	204,700.00	33,521.51**
Vera Foreman Friley Scholarship Fund (1948)	2,200.00		2,200.00		2,200.00	
George Gund Scholarship Fund (1944 to 1953)	24,891.19	$ 500.00	25,391.19	29.19	8,832.50	16,529.50‡
Group Investment for Memorial Prize Fund						
Klopp-Horticulture (1924)						
Pack-Forestry (1925)						
Rausch—Home Economics (1921)	5,600.00		5,600.00		5,600.00	
Walker Clean and Pure Milk (1925)						
Zimmerman—Floriculture (1914)						
Kimball Memorial Fund (1950)	460.00		460.00	60.00	400.00	
Anson Marston Medal Award Fund (1938)	4,000.00		4,000.00		4,000.00	
LaVerne Noyes Scholarship Fund (1938)	235,200.00		235,200.00		15,200.00	220,000.00‡
Maria M. Roberts Scholarship Fund (1930)	10,000.00		10,000.00		10,000.00	
Frances A. Shelden Student Loan Fund (1924)	10,000.00		10,000.00	322.66	1,200.00	8,477.34††
Paul V. Starch—Phi Zeta Scholarship Fund (1950)	237.00		237.00		237.00	
Paul P. Stewart Memorial Scholarship Fund (1950)	15,100.00		15,100.00		15,100.00	
Florence N. Walls Scholarship Fund (1948)	19,800.00		19,800.00		19,800.00	
Sub-Total	$ 577,713.54	($ 500.00)	($ 578,213.54)	($ 1,838.19)	($ 289,469.50)	($ 286,905.85)

FOR UNDESIGNATED PURPOSES						
E. W. Stanton Estate Fund (1931)	$ 23,209.29		$ 23,209.29	$ 47.29	$ 23,162.00	
TEMPORARILY FUNCTIONING AS ENDOWMENT						
Josephine A. Bakke Memorial Fund (1950)	$ 206.00		$ 206.00	$ 206.00		
Contingency Fund (1936)	2,882.17		2,882.17	70.17	$ 2,812.00	
Journal of Science Revolving Fund	3,496.50		3,496.50		3,496.50	
Land Reserve Fund	42,811.25		42,811.25	255.75	42,555.50	
Sub-Total	($ 49,395.92)		($ 49,395.92)	($ 531.92)	($ 18,864.00)	
Total	$1,440,115.45	$ 552.50	$1,440,667.95	$ 2,875.60	$1,055,495.50	$ 382,296.85

* Farm Mortgages $68,440.00; Land Contracts $4,451.00.
† Land in Page County.
‡ Stocks.
** Stocks $22,521.51, Advance to Plant Fund for Allen Farm $11,000.00.
†† Farm Mortgage less $22.66 due Student Loan Funds.

COLLEGE TREASURER

Bank Reconciliations and Change Funds Summary - All Funds

	Balances June 30, 1953 Per Banks	Deposits in Transit	Checks Afloat and Transfers	Balance Treasurer's Books
Ames Trust and Savings Bank	$ 654,269.59		$ 261,965.42	$ 392,304.17
Central National Bank and Trust Company	780,420.46		254,748.81	525,671.65
College Savings Bank	349,994.76	$ 634,061.84	688,323.75	295,732.85
College Savings Bank, Payroll	741,095.35	141,647.98	819,440.94	63,302.39
College Savings Bank, Transfer	51,916.38	23,536.03	52,389.05	23,063.36
College Savings Bank, Student Organizations	76,907.24	55.97	12,927.45	64,035.76
Iowa-Des Moines National Bank	390,915.85	151,645.76	320,783.26	221,778.35
Iowa-Des Moines National Bank, Ames Laboratory	347,890.89	709.87	167,205.47	181,395.29
Merchants National Bank	72,751.91	22,850.28	30,250.18	65,352.01
Union-Story Trust and Savings Bank	360,497.99		5,289.09	355,208.90
Union-Story Trust and Savings Bank, College Book Store	49,655.58	19,664.37	15,151.12	54,168.83
Sub-Total	$3,876,316.00	$ 994,172.10	$2,628,474.54	$2,242,013.56
Deposits in Transit	$ 994,172.10			
Total Balances—Treasurer's Books			$2,242,013.56	
Proof of Reconciliation	$4,870,488.10		$4,870,488.10	
Change Funds—Current Restricted Funds				$ 3,470.00
Cash Items, Cashier and Others				6,936.64
Treasurer's Balance and Cash				$2,252,420.20
SUMMARY OF CASH AS FOLLOWS:				
Current Funds, General		$ 500,320.38		
Current Funds, Restricted		1,283,777.63	$1,784,098.01	
Loan Funds, Regular		$ 11,298.65		
Loan Funds, War Loans		35.00		
Loan Funds, General		19,478.11	30,811.76	
Plant Funds			52,533.16	
Endowment Funds			2,875.60	
Agency Funds, Alumni Hall Rent		$ 1,427.77		
Agency Funds, Student Organization		33,224.00		
Agency Funds, Other		343,979.90	378,631.67	
Change Funds			3,470.00	$2,252,420.20
Change Funds:				
Current Funds:				
College Book Store	$ 2,000.00			
Dairy Industry Creamery	100.00			
Veterinary Clinics	50.00			
Friley Hall	300.00			
WOI Television	20.00			
Dr. William Paddock—Guatemala Tropical Research	1,000.00			
Total Change Funds	$ 3,470.00			

STAFF—REGULARLY APPOINTED

Summary by Rank

(Full-time Equivalent Basis)

	Administration	Instruction	Research	Extension	Physical Plant Library and Service Departments	Total
Deans and Directors	4	4	1	1	3	13
Professors		141	46	17	11	215
Associate Professors		97	31	12	11	151
Assistant Professors		145	40	30	34	249
Instructors and Associates		160	57	21	25	263
Sub-Total	(4)	(547)	(175)	(81)	(84)	(891)
Graduate Assistants and Fellows		111	139	2	22	274
County Extension Directors				201		201
County Home Economists, and Youth Assistants						
Clerical	43	68	34	28	52	225
Other	90	67	89	34	618	898
Total	137	793	437	346	776	2,489

ENROLLMENT

For Eighty-four Year Period Ended June 30, 1953

NON-COLLEGIATE STUDENTS SEPT.-JUNE							SUMMER SESSION		JUNE-SEPT.	TOTALS JUNE-JUNE			
Preparatory	Agriculture	Engineering	Home Economics	Net Total Non-Collegiate	Music and Driver Training Sept.-June	Net Total Graduate, Collegiate, Non-Collegiate, & Music, Sept.-June	First Term	Second Term	Total	Net Total, Resident Students June to June	Short Courses	Grand Total Resident Students plus Short Courses	Year
629	439	177	46	1,508	56	9,178				9,178	215	11,622	1869-1960
42	101	115	17	275		1,064				1,064	229	1,293	1900-01
33	94	128	22	277	27	1,212				1,212	300	1,512	1901-02
66	100	135	15	316	21	1,268				1,268	578	1,846	1902-03
29	104	174	9	321	78	1,412				1,412	558	1,970	1903-04
	64	176	15	284	42	1,363				1,363	552	1,915	1904-05
37	81	145	1	264	31	1,386				1,386	776	2,162	1905-06
36	105	211	1	353	21	1,616				1,616	765	2,381	1906-07
20	82	139	8	249	56	1,739				1,739	642	2,381	1907-08
26	132	114	28	300	78	1,835				1,835	796	2,631	1908-09
21	86	93	19	219	87	1,723				1,723	627	2,350	1909-10
	148	1		149	88	1,712				1,712	595	2,307	1910-11
	188			188	55	1,800	96		96	1,896	614	2,510	1911-12
	218			218	75	2,034	128		128	2,118	764	2,882	1912-13
	275	22	24	321	55	2,459	215		215	2,611	847	3,458	1913-14
	249	65	51	365	65	2,749			601	3,234	398	3,632	1914-15
	230	39	58	327	40	2,878	791	264	1,055	3,537	2,127	5,664	1915-16
	213	61	52	326	27	2,915	735	260	995	3,598	4,062	7,660	1916-17
	207	121	42	364	19	2,474	570	116	686	2,893	2,893	5,527	1917-18
	184	147	34	362	25	3,353	486	122	608	3,714	656	4,370	1918-19
	577	273	39	885	2	4,034	648	243	891	4,475	498	4,973	1919-20

506	360	32	895	66	4,479	723	365	1,088	5,017	1,232	6,249	1920-21
466	358	28	852	48	4,689	1,345	797	2,112	5,139	2,005	7,144	1921-22
438	279	57	774	31	4,726	1,359	795	2,154	5,313	2,494	7,807	1922-23
339	214	80	633	50	4,571	1,337	807	2,144	5,161	2,946	8,107	1923-24
215	115	114	474	49	4,512	1,336	783	2,119	5,219	3,351	8,570	1924-25
250	83	105	138	26	4,487	1,293	642	1,935	5,255	5,423	10,678	1925-26
208	69	181	458	62	4,832	1,257	673	1,930	5,431	5,908	11,339	1926-27
197	76	129	402	48	4,841	1,491	842	2,333	5,770	6,756	12,526	1927-28
171	46	34	251	86	4,727	1,520	803	2,323	5,657	2,808	8,465	1928-29
164	35	33	232	57	4,900	1,392	727	2,119	5,735	4,310	10,045	1929-30
155			155	82	5,003	1,471	817	2,288	5,897	7,856	13,753	1930-31
74			74	68	4,498	1,499	773	2,272	5,427	5,614	11,041	1931-32
50			50	52	3,806	1,252	539	1,891	4,532	3,978	8,510	1932-33
80			80	53	3,837	900	408	1,308	4,337	6,955	11,292	1933-34
96			96	74	4,270	980	455	1,435	4,865	6,559	11,424	1934-35
148			148	89	5,132	1,214	519	1,733	5,788	4,877	10,665	1935-36
158			158	142	5,530	1,329	549	1,878	6,266	11,817	18,083	1936-37
142			142	136	6,207	1,269	552	1,821	6,907	15,644	22,551	1937-38
130			130	150	7,075	1,512	599	2,111	7,677	16,213	23,890	1938-39
99			99	132	7,210	1,477	607	2,084	7,969	18,991	26,960	1939-40
104			104	111	7,262	1,618	617	2,235	8,104	20,959*	29,063	1940-41
79			79	93	6,756	1,733	951	2,684	7,890	15,868*	23,758	1941-42
16	1,225†		1,241	107	10,809	3,411	3,141	6,555	11,874	9,553*	21,427†	1942-43
16	6,336†		6,382	116	11,932	1,956	1,550	9,506	14,401	1,474	18,875†	1943-44
18	1,554†		1,572	121	5,609	1,345	1,132	8,177	8,167	1,995	13,162	1944-45
48			48	137	8,163	1,281	981	2,262	8,607	12,681*	21,291†	1945-46
				126	10,480	3,978	3,526	7,501	11,393	11,412*	25,802†	1946-47
61			61	116	10,736	3,978	3,471	7,449	11,697	17,707	29,404	1947-48
58			58	282	11,079	3,569	2,941	6,510	12,156	22,598	34,754	1948-49
90			90	244	10,136	3,401	2,429	5,830	11,270	21,126	32,396	1949-50
48			48	189	9,197	2,661	1,888	4,549	10,362	26,161	36,523	1950-51
25			25	219	8,361	2,435	1,794	4,229	9,556	26,465	35,821	1951-52
30			30	226	8,626	2,016	1,359	3,375	9,643	19,915	29,558	1952-53

FINANCES OF THE IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

July 1, 1953, to June 30, 1954

The total cash received by Iowa State College during the fiscal year from outside sources for all purposes was $25,005,990.75. Total cash expended for all purposes from all funds was $24,372,258.11.

CURRENT FUNDS

The Current Funds of the College have been divided into five groups: (1) General Educational Funds, including funds appropriated by the General Assembly of Iowa, Federal Funds, receipts from student fees, and from the sale of products; (2) Organized Activities relating to educational departments; (3) Auxiliary Enterprises; (4) Stores, Service and Revolving Funds; (5) Restricted Funds which include gifts, grants and contracts for specific purposes. It should be pointed out that no public funds are appropriated by the General Assembly for the support of the last four groups. The receipts and expenditures in the Current Funds of the College for the year 1953-1954 were as follows:

	Receipts	Expenditures	Adjustments to Balances
General Operating Funds	$10,939,486.97	$10,997,169.51	$ 57,682.54–
Other Supplementary Funds	10,717,324.12	10,016,086.84	701,237.28
Total	$21,656,811.09	$21,013,256.35	$643,554.74

LOAN FUNDS

Funds for loans to students have been derived from two sources, as follows: gifts and earnings from other funds. The total amount available for loans on June 30, 1954 was $150,395.17.

ENDOWMENT FUNDS

On June 30, 1954 the total endowment of the Iowa State College was $1,443,570.15. This represented a net increase of $2,902.20. The changes in the principal of the various endowment funds were as follows:

1. General College Endowment	$ 102.20
2. George Gund Scholarship Fund	500.00
3. Karl Keffer Associates Scholarship Fund	2,300.00
Total	$2,902.20

PLANT FUNDS

The plant properties include the following:

1. Educational Plant	
a. Land: 5,328 acres (740 acres in campus and recreational area; and 4,588 acres in farm lands)	$ 1,017,838.99
b. Land improvements consisting of heating and power plant, water works, heating tunnels, sewage system, gas mains, electric lines, etc	4,514,704.22
c. Buildings (all structures including small farm buildings)	12,573,784.75
d. Equipment consisting of furniture, laboratory equipment, farm implements, library books, etc	7,091,809.18
Total Educational Plant	$25,198,137.14

2. Auxiliary Activities Plant	
a. Buildings (dormitories and tenant properties)	$ 4,589,111.06
b. Equipment (dormitories $513,558.25 and other $613,981.59)	1,127,539.84
Total Auxiliary Activities Plant	$ 5,716,650.90
Total Plant Owned by State	30,914,788.04
3. Plant Owned by Associated Groups	
a. Memorial Union Corporation Building and Equipment	$ 1,785,889.23
b. Alumni Hall Trustees-Building and Equipment	96,498.94
c. Iowa State College Press-Building	81,576.87
d. Atomic Energy Commission-Building and Equipment	6,106,331.00
Total Plant Owned by Associated Groups	$ 8,070,296.04
Total Plant	$38,985,084.08

During the fiscal year 1953-1954 additions to the Physical Plant of the College totaled $2,727,005.06 and retirement of obsolete and worn out buildings and equipment amounted to $421,462.84, resulting in a net addition to the physical assets of the College of $2,305,542.22.

Funds for making improvements and additions were derived from State Appropriations for Capital Improvements, from Repairs, Replacements and Alterations appropriations, from borrowings, and from balances in Auxiliary Enterprises. In addition, certain expenditures from Current Funds for equipment were capitalized.

AGENCY FUNDS

The finances of student organizations at the Iowa State College, excluding fraternities and sororities, are under the general supervision of College officials and are audited in the Business Office. The cost of conducting the auditing service was financed in part by a charge of $3,637.91 made to the various organizations. In 1953-1954 the gross receipts for the 285 organizations were $514,441.83 and the expenditures were $509,137.47. The accumulated balance of all organizations at the end of the year was $160,470.06.

During the fiscal year receipts in all other Agency Funds accounts were $2,878,021.59 and expenditures totaled $2,844,283.67. The balance in all Agency Funds including Student Organizations as of June 30, 1953 was $539,616.05.

BALANCE SHEET
Assets

I. CURRENT FUNDS			
A. General Educational Funds			
1. General Operations			
Cash		$ 398,905.66	
Accounts Receivable—Active	$ 24,463.11		
Accounts Receivable—Veterans Administration	13,144.74		
Accounts Receivable—Suspense	4,210.23	41,818.08	
Livestock		105,978.80	
Inventory of Supplies for Resale		35,882.73	
Total General Operating Assets			$ 582,585.27
2. Repairs, Replacements, Alterations, and Equipment			
Cash		$ 36,848.06	
Total Repairs, Replacements, Alterations, and Equipment Assets			$ 36,848.06
B. Organized Educational Activities			
Cash		$ 355,026.40	
Petty Cash		170.00	
Accounts Receivable		144,222.74	
Livestock		4,063.70	
Inventory of Supplies for Resale		79,944.94	
Prepaid Insurance		273.73	
Total Organized Educational Activities Assets			$ 583,701.51
C. Auxiliary Enterprises			
Cash		$ 369,478.46	
Petty Cash		300.00	
Accounts Receivable		4,061.15	
Inventory of Supplies for Resale		11,129.88	
Prepaid Insurance		8,318.05	
Total Auxiliary Enterprises Assets			$ 393,287.84
D. Stores, Services, and Revolving Funds			
Cash		$ 388,760.45	
Petty Cash		2,000.00	
Postal Deposit		150.00	
Accounts Receivable		77,408.09	
Livestock		25,863.00	
Inventories of Supplies for Resale		385,680.21	
Prepaid Insurance		2,227.84	
Investments		233,863.94	
Total Stores, Services and Revolving Funds Assets			$ 1,115,953.53
E. Restricted Funds			
Cash		$ 541,147.77	
Petty Cash		1,000.00	
Accounts Receivable		5,008.00	
Investments		217,075.50	
Total Restricted Fund Assets			$ 764,231.27
Total Current Funds Assets			$ 3,476,607.48
II. LOAN FUNDS			
Cash		$ 34,944.85	
Notes Receivable		52,303.52	
Investments		63,147.34	
Total Loan Funds Assets			$ 150,395.71
III. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS			
Cash		$ 2,950.14	
Bonds		1,070,995.50	
Stocks		269,728.51	
Land		22,500.00	
Farm Mortgages		63,160.00	
Contracts		4,236.00	
Advance to Other Funds (Plant Funds)		10,000.00	
Total Endowment Fund Assets			$ 1,443,570.15

BALANCE SHEET
Liabilities

I. CURRENT FUNDS			
A. General Educational Funds			
1. General Operations			
Reserves:			
For Accounts Receivable	$ 41,818.08		
For Livestock	105,978.80		
For Outstanding Orders	49,898.25	$ 197,695.13	
Balances:			
Extension	$ 2,884.48*		
Research	21,152.47		
General College	366,622.15	384,890.14	
Total General Operating Liabilities			$ 582,585.27
2. Repairs, Replacements, Alterations, and Equipment			
Reserve for Outstanding Orders		$ 20,192.32	
Balance RRA-E Fund		16,655.74	
Total Repairs, Replacements, Alterations, and Equipment Liabilities			$ 36,848.06
B. Organized Educational Activities			
Reserves:			
For Accounts Receivable	$ 144,222.74		
For Livestock	4,063.70		
For Outstanding Orders	21,692.15	$ 169,978.59	
Balances		413,722.92	
Total Organized Educational Activities Liabilities			$ 583,701.51
C. Auxiliary Enterprises			
Reserves:			
For Accounts Receivable	$ 4,061.45		
For Outstanding Orders	49,485.39	$ 53,546.84	
Balances		339,741.00	
Total Auxiliary Enterprises Liabilities			$ 393,287.84
D. Stores, Services, and Revolving Funds			
Reserves:			
For Accounts Receivable	$ 77,408.09		
For Livestock	25,863.00		
For Outstanding Orders	94,606.19	$ 197,877.28	
Balances		918,076.25	
Total Stores, Services and Revolving Funds Liabilities			$ 1,115,953.53
E. Restricted Funds			
Reserves:			
For Accounts Receivable	$ 5,008.00		
For Student Deposits	97,642.45		
For Outstanding Orders	40,264.67	$ 142,915.12	
Balances—Gifts, Grants and Contracts		621,316.15	
Total Restricted Funds Liabilities			$ 764,231.27
Total Current Funds Liabilities			$ 3,476,607.48
II. LOAN FUNDS			
Reserve for Loss on Student Loans		$ 4,830.59	
Balances: Regular Loan Funds	$ 109,636.74		
War Loans	3,757.45		
General Loans	32,170.93	145,565.12	
Total Loan Funds Liabilities			$ 150,395.71
III. ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS (See Exhibit F)			
Balances:			
Funds for Educational Purposes		$ 767,451.40	
Funds for Research		22,500.00	
Funds for Student Aids and Awards		581,013.54	
Funds for Undesignated Purposes		23,209.29	
Funds Temporarily Functioning as Endowment		49,395.92	
Total Endowment Fund Liabilities			$ 1,443,570.15

BALANCE SHEET—Continued
Assets

IV. PLANT FUNDS			
A. Unexpended			
Cash	$ 335,032.19		
Undrawn Balance of State Appropriation for Capital Improvements	1,834,182.95	$ 2,169,215.14	
B. Invested in Plant			
Educational Plant			
Land	$ 1,017,838.99		
Buildings	12,573,784.75		
Improvements Other than Buildings	4,514,704.22		
Equipment	7,091,809.18	25,198,137.14	
Auxiliary Enterprises Plant			
Buildings	$ 4,589,111.06		
Equipment	1,127,539.84	5,716,650.90	
Total Plant Funds Assets			$33,084,003.18
V. AGENCY FUNDS			
Cash		$ 419,588.86	
Savings Account		20,448.19	
Investments		99,579.00	
Total Agency Funds Assets			$ 539,616.05
GRAND TOTAL ASSETS			$38,694,192.57

BALANCE SHEET—Continued
Liabilities

IV. PLANT FUNDS			
A. Unexpended			
Balance of Funds Available	$ 335,032.19		
Undrawn Balance of State Appropriations	1,834,182.95	$ 2,169,215.14	
B. Invested in Plant			
Notes Payable (Table 10)	$ 716,000.00		
Due Other Funds—Endowment Funds	10,000.00		
Net Investment in Plant	30,188,788.04	30,914,788.04	
Total Plant Funds Liabilities			$33,084,003.18
V. AGENCY FUNDS			
(See Exhibit H)			
Balances:			
Student Organizations		$ 160,470.46	
Other Agency Funds		379,145.59	
Total Agency Funds Liabilities			$ 539,616.05
GRAND TOTAL LIABILITIES			$38,694,192.57

STATEMENT OF CURRENT RECEIPTS

Schedule	Total	General	
		State and General Funds	Federal Appropriations
RECEIPTS			
I. Educational and General			
Student Fees	$ 1,285,197.34	$ 1,285,197.34	
Government Appropriations	8,943,900.61	7,636,478.00	$ 1,307,422.61
Endowment Interest	19,964.98		19,964.98
Sales and Services—Educational Departments	209,380.55	209,380.55	
Sales and Services—Organized Research	130,940.42	130,940.42	
Sales and Services—Extension	21,856.74	21,856.74	
Gifts, Grants, and Contracts for Specific Purposes	1,559,529.43		
Allowance for Overhead Expenditures on Research Contracts	255,302.29	255,302.29	
Other Sources	72,944.04	72,944.04	
Total Educational and General	$12,499,016.40	$ 9,612,099.38	$ 1,327,387.59
II. Organized Activities	$ 1,424,269.26		
III. Auxiliary Enterprises	$ 4,170,434.86		
IV. Stores, Service and Revolving Funds	$ 3,356,033.69		
V. Other Non-Educational Receipts	$ 207,056.88		
Total Current Receipts	$21,656,811.09	$ 9,612,099.38	$ 1,327,387.59
EXPENDITURES			
I. Educational and General Expense			
General Administration and General Expense	$ 735,839.93	$ 735,839.93	
Resident Instruction	4,328,926.44	4,197,944.34	$ 126,896.11
Organized Research	3,443,107.49	1,782,597.52	276,366.93
Extension	1,850,028.35	926,288.11	904,816.26
Library	213,934.33	213,934.33	
Operation and Maintenance of Physical Plant	834,281.07	834,281.07	
Repairs, Replacements, Alterations and Equipment	783,362.87	783,362.87	
Total Educational and General	$12,189,480.48	$ 9,474,248.17	$ 1,308,079.30
Reversion to State Treasurer	$ 214,842.04	$ 214,842.04	
II. Organized Activities	$ 1,341,859.06		
III. Auxiliary Enterprises	$ 3,881,748.82		
IV. Stores, Service and Revolving Funds	$ 3,189,777.54		
V. Other Non-Educational Expenses	$ 195,548.41		
Total Current Expenditures	$21,013,256.35	$ 9,689,090.21	$ 1,308,079.30
Net Balance	$ 643,554.74	$ 76,990.83*	$ 19,308.29
Balance July 1, 1953	$ 1,784,098.01	$ 474,548.51	$ 22,447.65
Net Balance per above	643,554.74	76,990.83*	19,308.29
Increase from Transfers	30,266.66	6,672.65	26.05
Decrease from Transfers	367,752.61	10,258.60	
Balance June 30, 1954	$ 2,090,166.80	$ 393,971.73	$ 41,781.99

AND EXPENDITURES BY FUNDS

Funds		Other Funds			
Total	Organized Activities	Auxiliary Enterprises	Stores, Services Revolving Funds	Restricted Funds	Total
$ 1,285,197.34					
8,943,900.61					
19,964.98					
200,380.55					
130,940.42					
21,856.74					
				$ 1,559,529.43	$ 1,559,529.43
255,302.29					
72,944.04					
$10,939,486.97				$ 1,559,529.43	$ 1,559,529.43
	$ 1,424,269.26				
		$ 4,170,434.86			
			$ 3,356,033.69		
				$ 207,056.88	
$10,939,486.97	$ 1,424,269.26	$ 4,170,434.86	$ 3,356,033.69	$ 1,766,586.31	$10,717,324.12
$ 735,839.93					
4,394,840.45				$ 4,085.99	$ 4,085.99
2,058,964.45				1,384,143.04	1,384,143.04
1,831,104.37				18,923.98	18,923.98
213,934.33					
834,981.07					
783,362.87					
$10,782,327.47				$ 1,407,153.01	$ 1,407,153.01
$ 214,842.04					
	$ 1,341,859.06				$ 1,341,859.06
		$ 3,881,748.82			$ 3,881,748.82
			$ 3,189,777.54		$ 3,189,777.54
				$ 195,548.41	$ 195,548.41
$10,997,169.51	$ 1,341,859.06	$ 3,881,748.82	$ 3,189,777.54	$ 1,602,701.42	$10,016,086.84
$ 57,682.54*	$ 82,410.50	$ 288,686.04	$ 166,256.15	$ 163,884.89	$ 701,237.28
$ 496,996.16	$ 277,616.20	$ 428,752.42	$ 290,404.30	$ 360,398.93	$ 1,987,101.85
57,682.54*	82,410.50	288,686.04	166,256.15	163,884.89	701,217.28
6,698.70		2,040.00	2,500.00	19,027.96	23,567.96
10,258.60	5,000.00	350,000.00	400.00	2,094.01	357,494.01
$ 435,753.72	$ 355,026.40	$ 369,478.46	$ 388,760.45	$ 541,147.77	$ 1,654,413.08

SUMMARY OF CURRENT EXPENDITURES DISTRIBUTED BY OBJECT

	Total	Salaries	Current Expense
I. EDUCATIONAL AND GENERAL			
A. General Operating Funds			
1. General Administration and General Expense			
General Administrative Offices	$ 461,909.38	$ 317,305.25	$ 144,604.13
General Expense	273,930.55	126,273.60	147,656.95
Sub-Total	($ 735,839.93)	($ 443,578.85)	($ 292,261.08)
2. Instruction			
Division of Agriculture	$ 881,960.64	$ 600,850.08	$ 281,110.56
Division of Engineering	709,896.28	613,497.76	96,398.52
Division of Home Economics	512,417.54	434,396.24	78,021.30
Division of Science	1,733,256.33	1,502,001.89	231,254.44
Division of Veterinary Medicine	325,296.59	273,755.70	51,540.89
Graduate College	28,035.64	17,000.00	11,035.64
Junior College	34,008.93	20,184.82	13,824.11
Summer Session	75,914.76	74,291.00	1,623.76
Short Courses	24,053.74	4,063.57	19,990.17
Sub-Total	($ 4,324,840.45)	($ 3,540,041.06)	($ 784,799.39)
3. Organized Research			
Agricultural Experiment Station	$ 1,504,349.02	$ 900,963.69	$ 603,385.33
Engineering Experiment Station	127,842.04	83,644.55	44,197.49
Industrial Science Research	147,876.30	100,125.84	47,750.46
Statistical Laboratory	33,841.28	26,697.62	7,143.66
Veterinary Research Institute	165,462.31	99,347.87	66,114.44
Atomic Research Institute	79,593.50	47,822.15	31,771.35
Sub-Total	($ 2,058,964.45)	($ 1,258,601.72)	($ 800,362.73)
4. Extension			
Agriculture and Home Economics	$ 1,739,685.71	$ 1,347,697.79	$ 391,987.92
Engineering	91,418.66	59,528.87	31,889.79
Sub-Total	($ 1,831,104.37)	($ 1,407,226.66)	($ 423,877.71)
5. Library	$ 213,934.33	$ 142,466.39	$ 71,467.94
6. Operation and Maintenance of the Physical Plant	$ 834,281.07	$ 308,505.16	$ 525,775.91
7. Equipment	$ 393,116.74		$ 393,116.74
8. Repairs, Replacements, and Alterations	$ 390,246.13		$ 390,246.13
9. Reversion to State Treasurer	$ 214,842.04		$ 214,842.04
Total General Operating Funds	$10,997,169.51	$ 7,100,419.84	$ 3,896,749.67
B. Restricted Funds			
1. Instruction			
Division of Agriculture	$ 1,933.63		$ 1,933.63
Division of Engineering	340.00		340.00
Division of Home Economics	1,812.36		1,812.36
Sub-Total	($ 4,085.99)		($ 4,085.99)
2. Organized Research			
Agricultural Experiment Station	$ 755,679.35	$ 259,706.35	$ 495,973.00
Engineering Experiment Station	155,299.72	84,562.39	70,737.33
Industrial Science Research Institute	362,850.06	167,234.12	195,615.94
Veterinary Research Institute	34,942.42	12,716.58	22,225.84
Institute for Atomic Research	21,482.24	6,260.83	15,221.41
General Research	53,889.25	26,236.74	27,652.51
Sub-Total	($ 1,384,143.04)	($ 556,717.01)	($ 827,426.03)
3. Extension			
Agriculture and Home Economics	$ 13,305.02	$ 9,175.45	$ 4,129.57
Engineering	5,618.96		5,618.96
Sub-Total	($ 18,923.98)	($ 9,175.45)	($ 9,748.53)
Total Restricted Funds	$ 1,407,153.01	$ 565,892.46	$ 841,260.55
Total Educational and General	$12,404,322.52	$ 7,666,312.30	$ 4,738,010.22
II. ORGANIZED ACTIVITIES	($ 1,341,859.06)	($ 191,715.59)	($ 1,150,143.47)
III. AUXILIARY ENTERPRISES			
Residence Halls	$ 1,139,991.74	$ 118,163.10	$ 1,021,828.64
Student Hospital	134,057.95	87,626.10	46,431.85
Veterans Housing	182,336.18	12,777.98	169,558.20
Ames Laboratory of Atomic Energy Commission	2,420,412.30	1,263,744.22	1,156,668.08
Athletic Council Salaries	4,950.65	4,633.30	317.35
Total Auxiliary Enterprises	($ 3,881,748.82)	($ 1,486,944.70)	($ 2,394,804.12)
IV. STORES, SERVICE & REVOLVING FUNDS	$ 3,189,777.54	$ 213,263.21	$ 2,976,514.33
V. OTHER NON-EDUCATIONAL EXPENSES			
Scholarships and Prizes	$ 123,457.24	$ 10,238.33	$ 113,218.91
Deposit Accounts	72,091.17		72,091.17
Total Non-Educational Expenses	($ 195,548.41)	($ 10,238.33)	($ 185,310.08)
GRAND TOTAL	($21,013,256.35)	($ 9,568,474.13)	($11,444,782.22)

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
GIFTS FOR SPECIAL DEPARTMENTAL RESEARCH					
Division of Agriculture					
Ferguson Foundation Textbook	$ 160.79		$ 1,941.05	$ 1,933.63	$ 168.21
Sub-Total	($ 160.79)		($ 1,941.05)	($ 1,933.63)	($ 168.21)
Division of Engineering					
Association of General Contractors of Iowa			$ 340.00	$ 340.00	
Mortiz B. Zeiner Fund	$ 199.57				$ 199.57
Sub-Total	($ 199.57)		($ 340.00)	($ 340.00)	($ 199.57)
Division of Home Economics					
Boyd Research Fund	$ 145.50				$ 145.50
Millers National Federation	100.00			$ 6.30	93.70
National Livestock Meat Board	1,500.00			1,407.31	92.69
Vaughn Memorial Fund	400.00			398.75	1.25
Sub-Total	($ 2,145.50)			($ 1,812.36)	($ 333.14)
Industrial Science Research Institute					
Allstate Insurance Co. Grant for Driver Training	$ 16,989.77		$ 15,103.70	$ 14,899.85	$ 17,193.62
Alumni Achievement Fund	36.86*			36.86*	
American Cancer Society P. 2561			2,570.00	2,347.92	222.08
American Cancer Society P. 2567			475.00	444.00	31.00
American Cyanamide Fellowship	55.42*	$ 55.42			
American Petroleum Grant P. 2548	909.15		8,000.00	3,967.95	4,941.20
Anderson Bottling Bequest			7,892.56		7,892.56
Armour and Company	109.65			109.65	
Army Ordnance Corps P. 2538	697.76*		12,008.75	8,330.05	2,980.94
AEC Statistical Analysis in Geological Problems	2,208.30		10.50	9,360.45	7,141.65*
Carlson Lecture Fund			1,688.25		1,688.25
Chemical Corps Studies	8,088.13*		8,683.90	595.77	
Eli Lilly and Company Grant	163.93			163.93	
F. S. A. Cancer	561.85		4,042.20	4,038.22	565.83
B. F. Goodrich P. 2543	1,146.28*		10,050.51	14,011.14	5,106.91*
Hydrides of Boron	3,093.87*		17,679.28	21,473.37	6,887.96*
Investigation Vertebrate Tests P. 2546	234.80		3,450.00	5,010.54	1,325.74*

* Overdraft.

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
Iowa Economic Studies P. 262	50.94			8.15	42.79
Iowa State Conservation Commission #2	7,069.51		12,000.00	12,251.61	6,817.90
Iowa State College Foundation Cosmic Ray	381.12				381.12
Iowa State Highway Commission P. 2523	189.40*		2,912.11	3,518.37	795.66*
Lederle Laboratory P. 2519	5,127.18		6,000.00	4,781.66	6,345.52
Thomas Lipton P. 2558			6,383.78	5,071.49	1,312.29
Minnesota Mining and Manufacturing Co.		1,028.94	500.00	875.12	653.82
Navy Chemistry Research P. 2206	2,466.78		4,000.00	7,478.79	1,102.01*
Navy Survey—TV Project 2529	2,301.60*		2,301.60		
Nutrition Foundation	246.99				246.99
ONR Mathematics Analysis	569.00*		4,663.24	5,140.27	1,046.03*
Outdoor Advertising Association	2,463.24			1,200.89	1,262.35
Psychology Naval Research	933.15*		4,852.82	4,506.46	586.79*
Physics Raindrop	230.05*		702.00		171.95
Quaker Oats Co.	285.20			285.20	
R & D High Temperature Lubricants	7,714.25*		44,041.86	41,264.11	4,936.50*
Red Star Yeast Co.	966.93			81.20	885.73
Red Stone Arsenal Restricted Project 2550	1,626.61		10,300.00	10,784.05	1,142.56
Research Corporation Cottrell	305.84			368.77	62.93*
Research Corporation—Photo Research	766.81			766.81	
Research Corporation—Torpolone Research Project 2551	2,000.00			1,667.49	332.51
Sampling Research Project 887	10,764.12		26,688.73	20,746.75	16,706.10
Squibb Institute	3,457.69			2,592.56	865.13
Survey Method Project 2022	7,457.70		6,760.28	7,410.59	6,807.39
U. S. Air Force	5,793.00*		26,980.55	27,136.06	5,948.51*
U. S. Air Force Analysis of Variance Project 2563			4,253.23	5,375.38	1,122.15*
U. S. Air Force Mechanical Calculator Project 2564			623.22	1,574.63	951.41*
U. S. Air Force R & D Theoretical Elasticity			4,006.14	5,047.70	1,041.56*
U. S. Air Force Project 2507	4,083.31*		17,473.65	15,413.17	2,022.83*
U. S. Air Force Project 2530	8,313.02*		69,074.00	73,241.58	12,480.60*
U. S. Army Project 2541	1,962.81*		9,655.00	3,456.43	4,235.76
U. S. Army Project 2537	827.68*		866.68	39.00	
U. S. Public Health Project 2405	3,916.73	3,879.02*		37.71	
U. S. Public Health	3,883.20		6,008.75	6,657.20	3,234.75
U. S. Public Health Project 2562			3,996.00	3,277.71	718.29
U. S. Public Health	2,841.92		2,997.00	3,690.90	2,148.02
University of Chicago Computing	1,275.23*			1,636.82	2,912.05*
Upjohn Company	1,926.56			36.00	1,890.56
Upjohn Company Project 2549	469.92		5,000.00	636.08	4,833.84
Williams—Waterman Fund	218.61			23.87	194.74
Sub-Total	($ 32,560.23)	($ 2,794.66)*	($ 374,695.29)	($ 362,796.56)	($ 41,664.30)

GIFTS FOR AGRICULTURAL EXPERIMENT STATION					
AEC Task Force #6			$ 2,000.00	$ 2,363.21	$ 363.21*
Administration Federal Milk Marketing	$ 2,787.28			1,167.33	1,619.95
Agricultural Experiment Association Corn			3,000.00	1,526.25	1,473.75
Agricultural Foundation	6,481.36		800.00	7,010.73	270.63
Agricultural Research Administration—Salmonella	4,138.58		8,500.00	3,805.52	8,833.06
Allied Chemical and Dye Corporation	2,000.00		2,000.00	1,450 88	2,549.12
Aluminum Company Irrigation			3,000.00	503.62	2,496.38
Aluminum Structures	4,311.04	$ 145.29	42.13	4,498.46	
American Cancer Society	8,782.72		5,000.00	4,898.18	8,884.54
American Cancer Society Tumor			3,419.22	2,846.85	572.37
American Colloidal Phosphate Association	367.10		2,500.00	1,283.47	1,583.63
American Colloidal Swine Nutrition	1,482.97		2,500.00	2,425.04	1,557.93
American Cyanamid Company			1,500.00	67.16	1,432.84
American Dairy Association Vitamin	3,227.13			647.38	2,579.75
American Dehydrators Association			1,800.00		1,800.00
American Hereford Association	317.30		5,088.06	4,593.02	812.34
American Maize Products	297.16				297.16
American Plant Food Council			4,700.00	2,056.59	2,643.41
American Potash Institute	849.98		1,500.00	1,526.25	823.73
American Rose Society	547.82			279.11	268.71
American Seed Trade Association			6,500.00	5,002.39	1,497.61
American Wild Life Management			1,000.00	664.57	335.43
Ames Reliable Products	1.88		500.00	443.60	58.28
ARA Dextron Chemical	3,000.00			5,931.70	2,931.70*
ARA Grain Storage	432.07		1,500.00	2,243.38	311.31*
ARA Land Use	3,326.00		500.00*	3,277.14	451.14*
ARA Soybean Meal	4,836.32*		7,800.00	2,510.34	453.34
ARA Statistics	3,000.00*		9,000.00	7,004.20	1,004.20*
ARA Tesom			2,500.00	1,123.30	1,376.70
Armour and Company	2,835.99		1,750.00	2,943.11	1,642.88
Armour and Company Bacteriology	1,527.92		2,000.00	586.96	2,940.96
Armour and Company Peptide	2,924.23			2,733.13	191.10
Armour Protein Industrial Fellowship	363.11			59.40	303.71
ARS Food Yields			360.00	76.01	283.99
ARS Grain Shrinkage			4,000.00	1,130.44	2,869.56
Association Mutual Insurance	2,150.28			232.25	1,918.03
Association of American Railroads	3,668.07		4,000.00	3,235.99	4,432.08
Atlantic Refining Company	4,376.08			3,920.03	456.05
Atlee Burpee Company	632.53			35.25	597.28
AEC Radiation Research	29,101.25*		138,935.98	140,983.22	31,148.49*
BAE Dairy Products			8,000.00	3,648.05	4,351.95
BAE Livestock	2,779.67*		6,765.00	7,090.62	3,105.29*
BAE Mixed Feeds			2,000.00	2,687.31	687.31*
BAI Egg White	1,614.79			1,614.79	
Bacteriophage Multiplication	3,447.30			2,331.93	1,115.37
Barley Improvement	568.34		300.00	289.47	578.87
Beekeepers Association	674.57		400.00	91.18	983.39
Bluegrass Research Commission	1,006.85		1,000.00	1,187.68	819.17
BPISAE Corn				2.02	2.02*

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
BPISAE Electric				609.30	609.30*
BPISAE General			8,393.88	4,118.38	4,275.50
BPISAE Oats				1,428.16	1,428.16*
BPISAE Phosphorous				649.75	649.75*
BPISAE Salt				1,067.11	1,067.11*
Calcium Carbonate Company	608.29			566.45	41.84
California Spray Chemical Company	255.66*		3,750.00	2,455.68	1,038.66
California Spray Chemical Company	55.99		600.00	56.45	599.54
Carbide Carbon Horticulture			1,000.00		1,000.00
Carbide and Chemical Weed Control	3,746.48		2,000.00	2,245.95	3,500.53
Chemagro Incorporated Project 1256			3,000.00		3,000.00
Chemical Corps Farm Crops	1,750.85*		6,840.21	5,594.41	505.05*
Chipman Chemical Company	2,000.00		2,000.00	1,647.79	2,352.21
Cirf Swine Nutrition			5,000.00		5,000.00
W. A. Cleary Corporation	200.00	.68		200.68	
Clinton Company	159.36				159.36
Clinton Foods Swine			4,000.00		4,000.00
Coke Oven Ammonia Research	32.09	5.90*		26.19	
Columbia Southern Chemical Corporation	132.51	6.36*		126.15	
Commercial Solvents	1,355.35			1,298.79	56.56
CAD #1	18,968.63		12,006.17	15,012.05	15,962.75
CAD Botany			5,000.00	253.20	4,746.80
CAD Crop Breeding	15,295.77		13,000.00	12,469.22	15,826.55
CAD Plant Introduction	135.35	.21*		135.14	
CAD Seed Processing	2,454.02			1,172.34	1,281.68
CAD Swine Research	9,187.95	2,100.00*	20,000.00	7,160.68	19,927.27
Consolidated Water Power Company	767.60		2,500.00	1,093.13	2,174.47
Corn Industries Research Foundation	18,403.52		5,101.14	9,186.58	14,318.08
Cream of Alfalfa Company	720.95			28.07	692.88
Crookham Co.	719.77			46.93	672.84
Crop Protection Institute Weed Control	1,062.54			765.00	297.54
Dairy Genetics Incorporated	1,085.94		2,400.00	1,768.44	1,717.50
Darling and Company	3,294.50			3,192.69	101.81
J. B. Davidson Fellowship	2,395.13	31.93		2,427.06	
Davidson Chemical Company			2,500.00	843.94	1,656.06
Dekalb Agricultural Association	41.50	28.16*		13.04	
Detection of Foreign Fats	3,894.97		6,000.00	4,729.34	5,165.63
Distillers Feed Research Project 930			4,000.00	2,628.57	1,371.43

Dow Chemical Alfalfa			$ 500.00		$ 500.00
Dow Chemical Company Nutrition	$ 2,200.00				2,200.00
Dow Chemical Dalapon (Botany)			2,500.00	397.80	2,102.20
Dow Chemical Herbicides			1,500.00	195.02	1,304.98
E. I. Dupont Company Ruminant	3,296.01		1,400.00	1,843.50	2,852.51
E. I. Dupont Company Herbicides			2,400.00		2,400.00
E. I. Dupont Company Swine Nutrition	1,308.85		5,000.00	2,849.60	3,459.25
East Iowa Artificial Breeding Association	3,327.43		2,365.02	2,370.43	3,262.02
ECA for Visitors	1,303.19		1,939.07	1,494.45	1,747.81
Egg Test RMA	7,091.67			1,914.70	5,176.97
Ethyl Corporation Lindane			2,500.00	363.76	2,136.24
Farm Foundation	397.00*		3 354 55	2,955.18	2.37
Fertilizer Industry Commission	1,534.35		6 0.00	479.41	1,674.94
Firestone Plantations			1,000.00	459.00	541.00
FSA Aeth Research	671.17		5,184.13	4,097.11	1,758.19
FSA Foulbrood	1,515.19	3,879.02	6,899.37	7,365.29	4,958.29
Geigy Co.			1,000.00	579.69	420.31
General Electric Company Cooking			5,000.00	1,703.95	3,296.05
General Foods Corporation Swine			2,500.00		2,500.00
General Foods—Corn	2,956.71				2,956.71
General Mills School Lunch	9,144.99		4,000.00	1,007.74	12,137.25
General Mills Vitamin A	905.15			484.79	420.36
General Unallocated	2,438.48	118.76*	953.14	1,855.92	1,416.94
Chris Hansen's Laboratory Inc.	308.69			107.47	201.22
Henningsen Brother's Gifts	197.61				197.61
Hercules Powder Co.	376.60		625.00	899.64	101.96
Hew—DDT			6,296.00	1,966.21	4,329.79
Hooker Electric Chemical Co.	2,500.00			1,493.02	1,006.98
IBEC Corn			2,000.00	492.32	1,507.68
Institute De Fomento	1,616.90			1,616.90	1,000.00*
Institute of American Poultry Industry			2,500.00	55.83	2,444.17
Iowa Agriculture Experiment Association	1,471.70		16,138.76	8,771.38	8,939.08
Iowa Beekeepers Association	54.15	.34		54.79	
Iowa Coal Research	1,354.96		5,500.00	4,640.48	2,214.48
Iowa Crop Improvement Crop Drier			500.00	418.97	81.03
Iowa Dairy Industry Commission	2,691.25		2,500.00	1,780.54	3,410.71
Iowa Florists	3,285.34		1,500.00	1,726.84	3,058.50
Iowa Florists Soil Testing			750.00		750.00
Iowa Highway Commission Grass Seeding	1,678.80			881.87	796.93
Iowa Institute of Cooperation			4,500.00	615.06	3,884.94
Iowa Mutual Tornado Insurance	1,081.77		2,100.00	1,831.56	1,350.21
Iowa Nebraska Canners Assoc.—Sweeteorn	2,869.84		1,500.00	970.28	3,399.56
Iowa Real Estate Association	1,028.63				1,028.63
Iowa Soil Conservation Commission Economics and Sociology	724.16		1,400.00	1,861.21	262.95
Iowa State Board for Vocational Education	2,523.96		2,750.19	683.28	4,590.87
Iowa State College Agricultural Foundation	13.35		3,060.00	1,738.70	1,274.65
Iowa State College Foundation Chemistry	65.58	17.40*		48.18	
Iowa State College Guatemala Research Center	804.14		1,000.00	2,107.79	303.65*

* Overdraft.

RESTRICTED CURRENT FUNDS

Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
Iowa State College Research Foundation Dairy Industry	106.73	1.77		108.50	
Iowa State College Foundation Drainage Machine	206.90	.83*		206.07	
Iowa State Conservation Commission #1	4,604.75		12,008.19	11,604.03	5,008.91
I. S. C. C. Administration	7,345.81	15,560.52*	14,000.00	2,726.96	3,058.33
I. S. C. C. Botany	4,182.06	4,000.00		4,601.11	3,580.95
I. S. C. C. Lake Studies	1,198.47		1,600.00	1,707.49	1,090.98
I. S. C. C. Prairie Tracts	409.59			159.02	250.57
I. S. C. C. Tree Decay			1,000.00		1,000.00
I. S. C. C. Tree Disease	822.83	11,560.52		10,384.19	1,999.16
Iowa State Highway Commission—Fertilizer				1,578.59	1,578.59*
Iowa Utilities Association	1,145.58	6,505.00		7,003.40	647.18
John Deere Ottumwa			2,500.00		2,500.00
Johnston Association	2,660.70			1,633.35	1,027.35
Land Problem Research			53.20		53.20
Land Studies	3,403.48*			1,911.29	5,314.77*
Lederle Laboratories	2,452.40		5,000.00	1,235.08	6,217.32
Lederle Laboratories—Calf Nutritions	1,630.89		2,500.00	2,161.38	1,969.51
Low Grade Beef RMA	2,655.90*		2,000.00		655.90*
Maney Memorial	198.60				198.60
Mathieson Chemical Corporation	2,196.85			1,365.11	831.74
May Seed Company—Onion Horticulture	142.72	.18		142.90	
Merck and Company—APF	998.11		2,500.00	488.70	3,009.41
Merck and Company Streptomycin			2,500.00		2,500.00
Merrill, Lynch, Pierce, Fenner, Bean Foundation			800.00	422.57	377.43
Middle West Soil Improvement	872.76		2,000.00	2,202.45	670.31
Midwest Agricultural Foundation	47.75	.12		47.87	
Moorman Manufacturing Co.			3,600.00		3,600.00
National Conference of Christians and Jews	3,686.59		6,000.00	5,423.05	4,263.54
National Livestock and Meat Board	1,890.79		3,800.00	2,592.44	3,098.35
National Mail Order Nursery Association			500.00	138.95	361.05
National Mineral Feed Association			1,800.00	76.50	1,723.50
National Mineral Feeds—Swine			3,000.00		3,000.00
National Oak Wilt Research Company	9,895.25		739.90	10,880.71	245.56*
National Polio Fund	45.89			45.89	
National Social Welfare	10.31	12.16*	25.30	23.45	
Naugatuck Chemical Division	39.10			39.10	

New Holland Machine Division	$ 2,000.00			$ 1,113.85	$ 886.15
North Iowa Agricultural Experiment Association	369.51		$ 1,641.25	1,709.17	301.59
Northrup King Company	2,361.81			257.66	2,104.15
Northwest Iowa Federated Breeders Association	1,811.07		650.70	1,543.65	918.12
NRC Bee Research	110.76		3,500.00	3,583.37	27.39
Nursery Studies	804.95		3,300.00	1,476.72	2,628.23
ONR Botany	738.74*		2,900.51	2,173.14	11.37*
ONR Fungicides	371.76*		1,000.00	1,213.45	585.21*
ONR Proteins	1,311.04*		6,000.00	3,163.63	1,525.33
Pantothenic Acid	452.10			452.10	
Chas Pfizer Co.	269.70		3,000.00	152.18	3,117.52
Pioneer Hi-Bred Corn Co.	5,000.00				5,000.00
Pioneer Hi-Bred Corn—Farm Crops	3,800.00		5,000.00	1,526.25	7,273.75
Pioneer Hi-Bred Corn—Livestock			3,000.00		3,000.00
Pioneer Hi-Bred Corn—Poultry			5,000.00		5,000.00
Pittsburg Agriculture Chemical	858.40	10.31		868.71	
Popcorn Breeding	5,175.21		2,100.00	2,620.01	4,655.20
Poultry and Egg National Board	102.41			43.50	58.91
Pure Carbonics Incorporated			1,500.00		1,500.00
Quaker Oats—Graduate Assistantships	4,359.76		3,500.00	1,789.56	6,070.20
QMC Cured Meat	1,442.17*		5,413.19	6,709.37	2,738.35*
QMC Meat Protein				530.42	530.42*
QMC Reprocessed Beef	4,484.95*		4,846.99	362.04	
QMC Spores Incidence	1,227.79*		1,227.79		
QMC Sweet Corn	653.00*		653.00		
Research and Marketing Act 9b3	729.62		71,515.00	66,816.60	5,458.02
Research and Marketing Act Title II	2,594.60		22,300.00	24,810.99	83.61
Research Foundation Tiling Machine Development	1,290.45			862.18	428.27
Reynolds Farm Institute	1,213.19		2,000.00	1,805.18	1,408.01
Reynolds Farm Building			18,000.00	10,132.17	7,867.83
Reynolds Metal Company	857.20*		2,062.50	873.19	332.11
Rockefeller Foundation	613.73*		3,000.00	17.20	2,369.07
Rockefeller Growth Research	2,096.37		3,659.00	4,822.01	933.36
Dr. Salsbury Laboratory	160.00				460.00
E. R. Squibb—Animal Husbandry	182.12		2,000.00	629.97	1,852.15
Schrieber Mill Inc.	88.01		1,600.00		1,688.01
Shea Chemical Company			2,500.00	1,946.68	553.32
Shelby—County Assessor	5,000.00		5,000.00	2,905.24	7,094.76
Shell Chemical Co.	1,102.19			624.22	577.97
Shell Chemical Co.	3,502.45		1,250.00	2,681.45	2,071.00
Sherwin Williams Weed Control	209.29			142.81	66.48
Smith Douglas Company	1,000.00		2,000.00	1,028.29	1,971.71
Social Science Research Council	6,040.61			947.52	5,093.09
Soil Conditioner Research Council			3,831.09	726.19	3,107.90
Spencer Fertilizer	3,552.78			3,031.84	520.94
Standard Oil Co.	2,000.00		2,000.00	1,527.00	2,473.00
Structural Clay Products	11.69			11.69	
Sugar Research Foundation	342.33		3,750.00	2,627.02	1,465.31

* Overdraft.

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
Swift and Company	222.70			222.70	
Swift and Company Beef Research	106.93			28.24	78.69
Swift and Company Fertilizer			17,500.00		17,500.00
Tennessee Valley Authority Fertilizer	794.35		10,046.76	9,841.12	999.99
Tennessee Valley Authority Economics				2,431.36	2,431.36*
Tennessee Valley Authority Statistics			15,000.00	17,075.10	2,075.10*
Union Stock Yards	7,000.92*		91,586.58	73,075.69	11,509.97
U. S. Air Force—Dew	5,885.56*		13,816.45	10,244.51	2,313.62*
U. S. D. A. Foreign Agriculture	11.87*		1,642.50	46.73	1,583.90
U. S. D. A. Forest Service			750.00		750.00
U. S. D. A. Television	9,487.62			3,129.48	6,358.14
U. S. Industrial Chemicals Co.			5,000.00	3,374.70	1,625.30
Upjohn Company	134.19			77.13	57.06
USY Special	1,962.40			1.55	1,960.85
Veliseol Corp.—Entomology	1,035.11		1,000.00	1,000.50	1,034.61
Veliseol Corp.—Horticulture	425.00			271.54	153.46
VY Lactos Laboratory			2,000.00		2,000.00
Walnut Grove Products Co.	1,583.48		1,500.00	253.75	2,829.73
Waverly Sugar	507.46				507.46
Weather Bureau	6,903.42		1,500.00	816.67	7,586.75
West Condensing Co. Calf Nutrition	3,791.92		2,000.00	2,545.93	3,245.99
West Hail & Adjustment Association	4,511.57		2,492.50	1,849.45	5,154.62
A. G. Zimmerman Fund	678.75				678.75
Sub-Total	($ 282,478.13)	($ 8,284.86)	($ 894,162.42)	($ 755,679.35)	($ 429,246.06)
FOR INSTITUTE FOR ATOMIC RESEARCH					
AEC Project No. 1	$ 41.64*		$ 4,099.00	$ 4,306.40	$ 249.04*
AEC Project No. 2	752.08*		1,208.70	434.93	21.69
AEC Project No. 3	97.42			103.07	5.65*
AEC Task Force No. 4	2,344.08		2,925.00	4,906.88	362.20
AEC Task Force No. 5	2,726.73		800.82	3,931.98	404.43*
Dow Chemical Company			12,000.00		12,000.00
Midwest Accelerator Group			2,000.00	965.56	1,034.44
Motorola Fellowship	1,000.00	$ 7,000.00		3,826.17	4,173.83
Union Carbide and Carbon Fellowship			5,000.00	3,007.25	1,992.75
Sub-Total	($ 5,374.51)	($ 7,000.00)	($ 28,033.52)	($ 21,482.24)	($ 18,925.79)

FOR ENGINEERING EXPERIMENT STATION					
AC Network Analyzer	$ 6,246.29*		$ 800.00		$ 5,446.29*
American Iron and Steel Institute Fund	1,460.80				1,460.80
Army Ordnance			3,450.47	$ 6,603.99	3,153.52*
Chicago and Northwestern Survey of Mineral Resources	4.71*			4.71*	
EES Miscellaneous Testing and Research			200.00	.88	199.12
Walter Handy Fly Ash				1,048.72	1,048.72*
Iowa State Highway Commission Bridge Abutments				33.15	33.15*
Iowa State Highway Commission Fine Materials	4,597.06*		23,970.60	27,251.78	7,878.24*
Iowa State Highway Lateral Pressures	2,359.77*		10,367.63	9,278.48	1,270.62*
Iowa State Highway Commission Loess and Glacial Till	4,842.50*		32,240.44	34,576.02	7,178.08*
Iowa State Highway Moisture in Soils			10,224.21	15,360.41	5,136.20*
Iowa State Highway Commission Oils and Tars				138.46	138.46*
Iowa State Highway Prestressed and Precast Concrete			1,403.64	1,403.64	
Iowa State Highway Commission Shale	2,199.15*		10,979.06	10,654.99	1,875.08*
Jefferson Telephone	8.24			4.50	3.74
Met-O-Iron Chemical Co.	240.11				240.11
National Advisory Committee for Aeronautics	526.61*		6,537.77	6,577.83	566.67*
National Concrete Masonry Association	271.44*		3,036.51	3,579.31	814.24*
National Cranberry Association			1,400.00	63.75	1,336.25
ONR Alaska Loess				755.20	755.20*
ONR Machine Design	2,712.25*		23,433.80	24,280.67	3,559.12*
Public Road Administration Coop. Research	3,827.76		24.50*	2,431.49	1,371.77
Research Corporation	1,522.23			1,524.06	1.83*
Structural Clay Products	2.00*		17.69	99.26	83.57*
U. S. Public Health—Garbage Treatment	19,500.00			9,192.77	10,307.23
Utilities Research Commission	27.96				27.96
Utilities Research Commission Wood Preservation	944.73				944.73
Wright Air Development Center	2,040.63*		2,485.70	445.07	
Sub-Total	($ 1,729.42)		($ 130,523.02)	($ 155,299.72)	($ 23,047.28)*
FOR VETERINARY RESEARCH					
Associated Serum Producers Association	$ 24,204.88		$ 30,242.66	$ 13,790.37	$ 40,657.17
Dickenson County Farm Bureau			30.00		30.00
Iowa Cooperative Association			1,456.72	940.76	515.96
Charles Pfizer Company Inc.	108.07			94.96	13.11
U. S. Army Chemical Corps	7,880.79*		13,587.76	13,246.02	7,539.05*
U. S. D. A. Soybean Meal Feeding			500.00	500.00	
U. S. Public Health G-4113			10,908.00	6,369.56	4,538.44
Veterinary Pasteurella Research				.75	.75*
Sub-Total	($ 16,432.16)		($ 56,725.14)	($ 34,942.42)	($ 38,214.88)
FOR GENERAL RESEARCH					
Alumni Fund Promotion			$ 1,500.00	$ 1,466.83	$ 33.17
Iowa State College Research Foundation Patent Com.	$ 731.56		11,009.67	4,920.24	6,820.99
Iowa Utilities Association	224.43	$ 12,224.43*	12,000.00		

* Overdraft.

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
NAEB Research Program Production			3,825.00	3,742.13	82.87
The Ford Foundation	34,768.19		996.82	39,902.98	4,137.97*
Trust and Special Service Account			11,020.00	3,620.88	7,399.12
Twentieth Century Fund			1,500.00	236.19	1,263.81
Sub-Total	($ 35,724.18)	($ 12,224.43)*	($ 41,851.49)	($ 53,889.25)	($ 11,461.99)
FOR AGRICULTURAL EXTENSION					
Creamery Quality	$ 886.15	$ 26.05*		$ 889.84	$ 29.74*
J. A. Folger Company			$ 1,200.00		1,200.00
Home Craft Films			8,256.15		8,256.15
Iowa Chain Store Council	12.25		1,487.75	1,281.84	218.16
Iowa Crop Improvement Association	3.60*		7,458.10	3,199.30	4,255.20
Iowa Utilities Association	1,280.57	5,719.43	1,030.50	7,678.84	351.66
National 4-H Club Foundation			1,425.00	255.20	1,169.80
Sears Foundation Poultry			3,000.00		3,000.00
Sears Roebuck Foundation 4-H Leaders			2,000.00		2,000.00
Sub-Total	($ 2,175.37)	($ 5,693.38)	($ 25,857.50)	($ 13,305.02)	($ 20,421.23)
FOR ENGINEERING EXTENSION					
Apprentice Training			$ 3,000.00	$ 2,998.97	$ 1.03
Industrial Training			2,400.00	2,366.92	33.08
REA Safety Job Training	$ 253.07			253.07	
Sub-Total	($ 253.07)		($ 5,400.00)	($ 5,618.96)	($ 34.11)
GIFTS FOR SCHOLARSHIPS AND STUDENT AID					
General					
Charles F. Bowers				$ 50.00	$ 50.00*
George W. Catt	$ 23,240.92		$ 6,935.25	4,850.00	25,326.17
Chicago Community Trust			1,730.00	1,730.00	
T. E. Davidson	130.00				130.00
Garden City PTA			100.00	100.00	
Hawthorne	51.00			40.00	11.00
Ella R. Hughes Memorial	609.77		252.35	300.00	562.12
Mary Huneke Fund	3,505.00		14,170.00	17,705.50	30.50*
International Harvestor	.84	$ .84*			
Iowa Centennial Memorial Scholarship	125.00		200.00	275.00	50.00

ISS Merit Scholarship		10,000.00	70.00	9,990.00	80.00
Kimball Memorial Fund	15.00		10.00		25.00
LaVerne Noyes	9,546.26		12,983.00	13,425.00	9,104.26
Lindstrom Library	1,742.19				1,742.19
Memorial Prize	61.94		140.00	75.00	126.94
E. T. Meredith Foundation	4,200.00				4,200.00
Navy V-12 Gift Fund	666.00				666.00
Maria M. Roberts	2,735.62		225.00		2,960.62
Student Health Aid	286.05		50.00	100.00	236.05
Student Loan Reserve for Losses			43.75		43.75
Walls Fund			401.25		401.25
Weed and Company	500.00		500.00	333.00	667.00
Clyde Williams	50.00	9,000.00	3,040.00	12,090.00	
Sub-Total	($ 47,465.59)	($ 18,999.16)	($ 10,850.60)	($ 61,063.50)	($ 16,251.85)
GIFTS FOR SCHOLARSHIPS AND STUDENT AID					
Agriculture					
Ak Sar Ben Scholarship	$ 2,932.00		$ 2,400.00	$ 2,231.00	$ 3,101.00
Aluminum Company of America	1,066.00	$ 68.00	1,000.00	798.00	1,336.00
American Guernsey Cattle Club			250.00	250.00	
F. L. Banks Scholarship	600.00		600.00	600.00	600.00
Borden Agricultural Scholarship		2,100.00		300.00	1,800.00
W. C. Bryant Scholarship	1,216.80		612.93	800.00	1,029.73
Chicago Farmers School			100.00		100.00
Mable Craft Memorial Scholarship	450.00			300.00	150.00
George Gund Agricultural Scholarship	2,348.16		1,454.65	14.23	3,788.58
Farmers National Scholarship	625.00			375.00	250.00
Forney Foundation	500.00			500.00	
Iowa Agricultural Lime Association Scholarship			200.00	200.00	
Pearlstine Agricultural Scholarship	100.00				100.00
Poultry Industry Scholarship	1,808.00			75.00	1,733.00
Sears Roebuck Scholarship	768.00		1,116.00	1,650.00	234.00
Sigma Delta Chi Scholarship			300.00	300.00	
Paul Stewart Scholarship	289.95		377.50	300.00	367.15
J. R. Watkins Company Scholarship	100.00		200.00	300.00	
WMT Farm Radio Journalism	875.00		1,000.00	1,000.00	875.00
WNAX Scholarship	675.00			371.40	303.60
Sub-Total	($ 14,353.91)	($ 2,168.00)	($ 12,611.08)	($ 13,364.63)	($ 15,768.36)
Engineering					
Aluminum Company Scholarship	$ 1,000.00		$ 1,000.00	$ 1,000.00	$ 1,000.00
American Cyanamid Company Fellowship			2,000.00	1,650.00	350.00
Archer-Daniels-Midland Scholarship			500.00	500.00	
Amos Beutell Scholarship			200.00	200.00	
Charles Bowers Scholarship	56.59		52.50	10.00	69.09
Carbide and Carbon Company Scholarship			560.00	560.00	

* Overdraft.

RESTRICTED CURRENT FUNDS
Statement of Operations

	Balance July 1, 1953	Transfer of Funds	Additions During Year	Expenditures During Year	Balance June 30, 1954
Chicago Rock Island and Pacific Railroad			500.00	500.00	
Frances Coover Scholarship	150.00		150.00	150.00	150.00
Eastman Kodak Company Fellowship			2,550.00	1,550.00	1,000.00
Douglas Aircraft Company			1,200.00	600.00	600.00
E. I. Dupont Company Scholarship	39.63				39.63
Electric Engineering Equipment Scholarship	150.00		150.00	150.00	150.00
Engineering Club of Des Moines			150.00	150.00	
Ethyl Corporation Scholarship	11.74		1,750.00	1,556.27	205.47
Fisher Foundation Scholarship	100.00		4,000.00	1,000.00	3,100.00
General Cable Corporation Scholarship	1,000.00			150.00	850.00
General Electric Advertising Scholarship			500.00	500.00	
General Electric Engineering Award			500.00	500.00	
Karl Keffer Association Gift	2,400.00		33.75	2,433.75	
Lee Lincoln Foundation Scholarship	400.00				400.00
Marston Medal Fund	104.01		125.00	123.00	106.01
National Carbon Company Scholarship			350.00	350.00	
Monsanto Chemical Company Scholarship			500.00	500.00	
John Morse Memorial Scholarship			3,000.00	3,000.00	
Ed Orton Jr. Ceramic Foundation	534.25		200.00		734.25
Rauh Martinet Foundation Fellowship	7,783.36			1,448.36	6,335.00
Square D Company Fellowship	375.00			375.00	
Universal Oil Products Scholarship	500.00		500.00	500.00	500.00
Westinghouse Fellowship	799.02		2,000.00	1,247.36	1,551.66
Sub-Total	($ 15,403.60)		($ 22,471.25)	($ 20,733.74)	($ 17,141.11)
GIFTS FOR SCHOLARSHIPS AND STUDENT AID					
Home Economics					
American Dietetic Association Fellowship	$ 263.63			$ 274.05	$ 10.42*
Borden Company Scholarship	1,800.00			300.00	1,500.00
Vera F. Friley Scholarship	140.16		$ 55.00	50.00	145.16
Sears Roebuck Foundation Scholarship			600.00	600.00	
Veishea Cherry Pie Scholarship	1,516.77		530.10	500.00	1,546.87
Florence Walls Scholarship	1,942.09	$ 68.00*	93.75		1,967.84
WNAX Scholarship	346.00			346.00	
Sub-Total	($ 6,008.65)	($ 68.00)*	($ 1,278.85)	($ 2,070.05)	($ 5,149.45)
Science					
Corn Industries Research	$ 3,000.00		$ 3,000.00	$ 2,203.56	$ 3,796.44
E. I. Dupont Company Fellowship	861.04		4,300.00	3,698.90	1,462.14
Dupont Teachers Fellowship			3,100.00	2,979.10	120.90
Minneapolis Honeywell Fellowship	259.30		3,088.00	1,387.98	1,959.32

Minnesota Mining and Manufacturing Co.	1,028.94	$ 1,028.94*			
Motorola Fellowship	7,000.00	7,000.00*			
Park Davis Company Fellowship	30,714.72		4,009.00	9,489.06	25,234.66
RCA Scholarship			800.00	800.00	
Shell Fellowship			2,050.00	2,047.43	2.57
Sigmund Livingston Memorial Fellowship	450.23			258.20	192.03
Socony-Vacuum Oil Fellowship	1,337.23				1,337.23
U. S. Carbide and Carbon Fellowship	4,436.27		3,300.00	3,111.51	4,624.76
Sub-Total	($ 49,087.73)	($ 8,028.94)*	($ 23,647.00)	($ 25,975.74)	($ 38,730.05)
Veterinary Medicine					
Borden Company Fellowship	$ 1,200.00			$ 300.00	$ 900.00
Paul Starch Phi Zeta	18.00		$ 5.00	5.00	18.00
Sub-Total	($ 1,218.00)		($ 5.00)	($ 305.00)	($ 918.00)
Sub-Total for All Gifts, Grants and Research Contracts	($ 512,770.41)	($ 19,029.37)	($ 1,660,393.21)	($ 1,530,612.17)	($ 661,580.82)
DEPOSITS CARRIED IN RESTRICTED CURRENT FUNDS					
Advance Military Uniform Deposit Account			$ 29,154.60	$ 1,288.80	$ 27,865.80
AES Advance	$ 2,000.00		2,480.00	3,080.00	1,400.00
Doctors Thesis Deposits	1,330.00			25.00	1,305.00
General Travel Advance	140.00		5,185.00	5,100.00	225.00
Home Management Deposits	1,112.50		447.50	25.00	1,535.00
Key Deposits	292.00		200.00	2.00	490.00
Military Uniforms Deposit			12,380.00	12,380.00	
Military Uniforms Shortage Account	368.52		978.50	595.37	751.65
Private Trailer Camp Deposits	330.00			270.00	60.00
Room Rent Deposits	35,130.00	$ 2,030.00*	25,000.00	19,300.00	38,800.00
Science Dean's Travel Advance	1,353.13		5,665.00	6,415.00	603.13
James H. Sheldon Maytag Grant			500.00	500.00	
Teachers Certificate Deposits	8.00		372.00	348.00	32.00
Towel Deposits P. E. for Men	1,681.37		1,432.50	1,503.00	1,610.87
Tuition Deposits	10,925.00		15,100.00	15,175.00	10,850.00
Veterans Fire Extinguishers	60.00		48.00	24.00	84.00
Veterans Housing Deposits	10,850.00	10.00*	7,250.00	6,060.00	12,030.00
Sub-Total	($ 65,580.52)	($ 2,040.00)*	($ 106,193.10)	($ 72,091.17)	($ 97,642.45)
Grand Total Restricted Funds	$ 578,350.93	$ 16,989.37	$ 1,766,586.31	$ 1,602,703.34	$ 759,223.27

* Overdraft.

† Balance at June 30, 1954 includes the following:

Cash in Bank		$ 541,147.77
Petty Cash (Institute de Fomento)		1,000.00
U. S. Bonds:		
Group Investment	$ 214,929.50	
Navy V-12 Gift Fund	666.00	
LaVerne Noyes Fund	1,480.00	217,075.50
Total as above		$ 759,223.27

REPAIRS, REPLACEMENTS, AND ALTERATIONS

Statement of Expenditures for Period July 1, 1953 to June 30, 1954

Improvements to Other Than Buildings

Heating and Power Plant		
Install Steam Generator		$100,860.07
Repairs		
Steam Generator No. 2	$ 2,229.35	
Power Plant—Repair Tunnels, Steam Pipes and Valves	13,184.52	
Curtiss Hall—Remodel and Renovate	70,565.18	
Science Building	529.89	
Chemistry Building—Remodel and Renovate Laboratories	34,053.78	
Hospital	1,247.72	
The Knoll—General Repairs and Refurnish	18,623.92	
The Knoll—Heating System	9,845.01	
Women's Gym—Repair Roof, Paint	11,881.07	
Men's Gym—Repairs, Paint	6,627.83	
Library—Air Conditioning System, Shelving, Lights, Painting	10,833.40	
Veterinary Research Farm—New Well, Pump, Etc.	5,701.21	
Sloss House—Painting, General Repairs	1,010.27	
Dairy Farm—Repair 3 Silos, Etc.	3,277.34	
Agronomy Farm—Paint and Repair Buildings	1,219.84	
Botany and Genetics Greenhouse—Reset Glass and Paint	2,902.27	
Horticulture Greenhouse—Reset Glass and Paint	3,539.40	
Storm Sewer System	3,212.94	
T. & A. M. Building—Redecorate	2,924.46	
Beardshear Hall—Hang Blackboards, install Lights, Etc.	6,529.81	
Veterinary Clinic—Painting Trim and Interior	1,724.59	
Heat Tunnels	2,250.93	
Farm Electric Line—Metering Equipment and Cut-Over of Circuit	1,329.94	
Aero Engineering Building—Paint and Water-Proof Brick Work	608.00	
Building A—Paint and Water-Proof Brick Work	625.00	
Chemical Engr. Building—Replace Sinks (5 Units) Exhaust Fans, Etc.	2,269.66	
Theatre Workshop—Repair Roof and Gutters	968.42	
Agricultural Engineering—Dust Collecting System	1,066.59	
Botany Hall—Repair Plaster, Install Lights and Lab. Equipment	9,480.51	
Physics Building—Rewiring	883.17	
Home Economics Bldg.—Repoint Stonework, Install Lights	11,428.31	
Gas Distribution System	727.50	
Street Lighting System	2,035.83	
Armory—Replace Overhead Door, Partition Offices	1,303.60	
Agricultural Annex—Repair Roof Drains to Storm Sewer	1,735.03	
A. H. Meat Lab.—Remodeling Meat Track	1,096.96	
Building "L"	284.45	

Building "B"	898.40	
Marston Hall—Remodeling, Grading Court	5,981.86	
Sidewalks	544.74	
Buildings, C, D, E, F, H—Painting Interiors	2,996.19	
Roberts Hall—Re-Lay Sanitary Sewer	2,809.77	
Mechanical Engineering—Boiler Room	9,227.70	
Beef Cattle Barn—Paddock Fences	508.09	
Morrill Hall—Refinish Floors, Install Lights, Redecorate	4,452.49	
Building "J"—Remodel, Install Light Fixtures	1,813.17	
Beech Avenue Barn—Renovate Electric System	659.30	
Industrial Arts Building—Lighting System	198.83	
Central Stores Building—Enlarge Office Space	1,754.25	
Carpenter Shop	2,207.12	
Exhibit Hall—Repair Roof	1,462.67	
Bevier Hall—Roof, General Repairs	1,499.34	
Various Minor Jobs	2,614.44	
Total Repairs		$289,386.06
Total Expenditures		$390,246.13
Reverted to State Treasurer		$ 1,063.45
Total Cash Disbursements		$391,309.58

LOAN

Statement

	Date Established	Assets July 1, 1953		
		Cash	Notes	Investments
REGULAR LOAN FUNDS				
Bachelor Debating Society	1930	$ 360.13	$ 3,960.60	$ 5,000.00
Braddock Memorial	1945	553.05		500.00
Mary D. Budge Memorial	1938	395.88		1,000.00
Class of 1896	1946	889.32	1,301.50	1,000.00
Julia T. Colpitts	1937	722.10		1,500.00
Blair Converse Memorial	1939	293.55	350.00	1,500.00
Gardner Memorial	1943	433.41	160.00	500.00
Guthrie Memorial	1944	271.26	80.00	
Guy M. Lambert Dairy	1952	435.94	570.00	
Kimball Loan Fund	1952	213.15*	2,220.00	
Catherine MacKay	1921	797.06	1,226.23	8,570.00
George I. Miller	1934	1,018.27		9,000.00
Joe S. Morrison	1939	553.06	100.00	
Sophia Schott Morrison	1949	438.33	740.00	
Mortenson	1940	714.20	100.00	500.00
Hattie M. Newens	1910	343.45	180.00	1,000.00
Quaker Oats	1929	1,347.43		1,240.00
Maria M. Roberts	1940	1,542.65*	1,839.00	3,500.00
Ruggles Memorial	1944	105.49	440.00	
Francis A. Sheldon Memorial	1925	1,843.58	724.46	14,397.34
Julia M. Smith	1931	162.41	470.00	
George Sokol	1935	468.24	1,166.00	1,240.00
Frank Walsh	1946	6.94	1,045.00	
Gordon S. Wattles	1912	288.01	8,261.24	16,700.00
Georgia White	1922	558.34		1,500.00
Total Regular Loans		($ 11,298.65)	($ 27,934.03)	($ 68,647.34)
STUDENT WAR LOANS		$ 35.00	$ 3,757.64	
GENERAL STUDENT LOANS		$ 19,478.11	$ 10,334.40	$ 5,980.00
Total		$ 30,811.76	$ 42,026.07	$ 74,627.34

FUNDS

of Assets

Additions			Deductions			Assets June 30, 1954		
Principal	Income	Transfer	Principal	Expense	Transfer	Cash	Notes	Investments
	$ 79.70			$ 40.36		$ 6,200.07	$ 3,160.00	
	12.50			1.37		104.18	460.00	$ 500.00
	25.00			2.75		68.13	350.00	1,000.00
	10.49			8.80		451.51	2,741.00	
	37.50			4.12		755.48		1,500.00
	37.50			5.49		69.44*	745.00	1,500.00
	33.83			6.07		301.17	375.00	500.00
						276.26	75.00	
	5.90			1.30		215.54	795.00	
	29.13			6.40		179.58	1,850.00	
	183.08			36.15		1,392.22	778.00	8,570.00
	225.00			33.00		54.73*	1,265.00	9,000.00
	16.88			3.71		16.23	650.00	
	1.16					139.49	1,040.00	
	29.47			2.75		190.92	650.00	500.00
	25.00			4.12		405.33	139.00	1,000.00
	117.75			25.91		538.27	2,141.00	
	86.51			34.81		540.05	6,308.00	
						65.49	480.00	
	605.94			123.59		2,505.39	545.00	14,397.34
				25.00		202.59*	810.00	
	174.22			5.99		777.47	1,765.00	500.00
						81.94	970.00	
	875.14			516.67		95.47	8,812.25	16,700.00
	37.50			4.12		591.72		1,500.00
	($ 2,649.20)			($ 892.48)		($ 15,565.15)	($ 36,904.25)	($ 57,167.34)
	$ 64.81		$ 10.19	$ 89.81		$ 10.00	$ 3,747.45	
	$ 1,391.68			$ 182.67		$ 19,369.70	$ 11,651.82	$ 5,980.00
	$ 4,105.69		$ 10.19	$ 1,164.96		$ 34,944.85	$ 52,303.52	$ 63,147.34

LOAN FUNDS

Statement of Operation

	Outstanding July 1, 1953	Granted 1953-1954	Repaid 1953-1954	Outstanding June 30, 1954	Net Income
REGULAR LOAN FUNDS					
Bachelor Debating Society	$ 3,960.60	$ 1,375.00	$ 2,175.60	$ 3,160.00	$ 39.34
Braddock Memorial	.....	500.00	40.00	460.00	11.13
Mary D. Budge Memorial	.....	350.00	.....	350.00	22.25
Class of 1896	1,301.50	1,803.88	364.38	2,741.00	1.69
Julia T. Colpitts	.....	.....	.....	.....	33.38
Blair Converse Memorial	350.00	400.00	5.00	745.00	32.01
Gardner Memorial	160.00	375.00	160.00	375.00	27.76
Guthrie Memorial	80.00	75.00	80.00	75.00	.....
Guy M. Lambert Dairy	570.00	475.00	250.00	795.00	4.60
Kimball Loan Fund	2,220.00	.....	370.00	1,850.00	22.73
Catherine MacKay	1,226.23	313.00	761.23	778.00	146.93
George I. Miller	.....	1,265.00	.....	1,265.00	192.00
Joe S. Morrison	100.00	650.00	100.00	650.00	13.17
Sophia Schott Morrison	740.00	805.00	505.00	1,040.00	1.16
Mortenson	100.00	650.00	100.00	650.00	26.72
Hattie M. Newens	180.00	.....	41.00	139.00	20.88
Quaker Oats	.....	2,141.00	.....	2,141.00	91.84
Maria M. Roberts	4,839.00	3,540.00	2,071.00	6,308.00	51.70
Ruggles Memorial	440.00	300.00	260.00	480.00	.....
Francis A. Sheldon Memorial	724.46	310.00	489.46	545.00	482.35
Julia M. Smith	470.00	450.00	110.00	810.00	25.00*
George Sokol	1,166.00	890.00	291.00	1,765.00	168.23
Frank Walsh	1,045.00	150.00	225.00	970.00	.....
Gordon S. Wattles	8,261.24	2,820.00	2,268.99	8,812.25	358.47
Georgia White	.....	.....	.....	.....	33.38
Sub-Total	($ 27,934.03)	($ 19,637.88)	($ 10,667.66)	($ 36,904.25)	($ 1,756.72)
STUDENT WAR LOANS	$ 3,757.64	.....	$ 10.19	$ 3,747.45	.....
GENERAL STUDENT LOANS	$ 10,334.40	$119,525.38	$118,207.96	$ 11,651.82	$ 1,209.01
Total	$ 42,026.07	$139,163.26	$128,885.81	$ 52,303.52	$ 2,965.73

SUMMARY OF UNEXPENDED PLANT FUNDS

	From Capital Appropriations	Transfer From Other Funds	From Borrowings	From Sale of Scrap Refunds, Etc.	Total
Beginning Balance July 1, 1953	$ 11,558.03*	$ 50,588.40	$ 1,689.65*	$ 15,192.44	$ 52,533.16
Additions during Year	1,047,801.20	355,000.00	675,000.00	2,191.73	2,079,992.93
Total Available	$1,036,243.17	$405,588.40	$673,310.35	$ 17,384.17	$2,132,526.09
Expenditures					
For Land	$ 65,550.00				$ 65,550.00
For Buildings	625,159.57	$ 32,371.54	$578,985.08	$ 4,777.94	1,241,294.13
For Equipment	110.71	9,170.45	7,929.98	1,030.00	18,241.14
For Improvements Other Than Buildings	100,582.57	5,000.00			105,582.57
For Payment of Dormitory Notes		350,000.00			350,000.00
For Repairs	13,670.99	3,150.00		5.07	16,826.06
Total Deductions	$ 805,073.84	$399,691.99	$586,915.06	$ 5,813.01	$1,797,493.90
Balance June 30, 1954	$ 231,169.33	$ 5,896.41	$ 86,395.29	$ 11,571.16	$ 335,032.19

* Indicates Overdraft.

STATEMENT OF FUNDS INVESTED IN PLANT

	From Plant Funds			From R. R. A. & E.	From Current Funds, Gifts, Etc.	Total
	Capital Appropriations	Other	Borrowings			
Net Investment in Plant, July 1, 1953						$28,207,245.87
Advance by Catt Funds to Allen Farm						11,000.00
Notes Payable on Residence Halls						391,000.00
						$28,609,245.87
ADDITIONS:						
Land:						
Beef Nutrition Laboratory Farm	$ 65,550.00					$ 65,550.00
Buildings:						
Agronomy Hall					$ 23,377.65	$ 23,377.65
Cattle Nutrition Barn No. 3		$ 485.86				485.86
Genetics Laboratory		26,359.51			57,704.47	84,063.98
Electrical Engineering		3,226.67				3,226.67
Science Hall Annex	$ 605,737.31	6.52*				605,730.79
Veterinary Diagnostic Laboratory	4,669.92					4,669.92
Agr. Engineering Farm—Steel Quonset					8,000.00	8,000.00
Ankeny Farm—Beef Cattle Barn		362.61				362.61
Ankeny Farm—Headquarters		2,114.68				2,114.68
Dairy Farm—Cattle Nutrition Barn	6,802.34					6,802.34
Beef Nutrition Laboratory Farm Buildings	7,950.00					7,950.00
Friley Hall Addition		4,606.67	$ 578,985.08			583,591.75
Sub-Total	$ 625,159.57	$ 37,149.48	$ 578,985.08		$ 89,082.12	$ 1,330,376.25
Improvements Other Than Buildings:						
Heating and Power Plant	$ 6,031.37			$ 100,860.07		$ 106,891.44
Municipal Sewage Disposal Plant and Outfall Sewer	94,551.20					94,551.20
Swine Nutrition Farm Drainage		5,000.00				5,000.00
Sub-Total	$ 100,582.57	$ 5,000.00		$ 100,860.07		$ 206,442.64

Equipment:						
Administration and General				$ 274,108.35		$ 274,108.35
Instruction	$ 110.71	$ 10,200.45		294,303.95		304,615.11
Research				258,562.76		258,562.76
Extension				50,369.42		50,369.42
Library				83,743.93		83,743.93
Physical Plant				37,641.43		37,641.43
Residence Halls			$ 7,929.98	36,746.70		44,676.68
Other Auxiliary Enterprises				69,918.49		69,918.49
Sub-Total	$ 110.71	$ 10,200.45	$ 7,929.98	$ 1,106,395.03		$ 1,124,636.17
Total Additions	$ 791,402.85	$ 52,349.93	$ 586,915.06	$ 1,195,477.15	$ 100,860.07	$ 2,727,005.06
DEDUCTIONS:						
Equipment Retired and Transferred						$ 121,462.89
Investment in Plant June 30, 1954, Including Borrowings						$30,914,788.04
Advance by Catt Fund to Allen Farm						10,000.00
Notes Payable on Residence Halls						716,000.00
Net Investment in Plant June 30, 1954						$30,188,788.04

ENDOWMENT AND OTHER NON-EXPENDABLE FUNDS

Statement of Principal

	Balance June 30, 1953	Additions or Deductions	Balance June 30, 1954	Distribution of Balance		
				Cash	Bonds	Other
FOR EDUCATIONAL PURPOSES						
United States Land Grant (1862)	$ 546,942.76		$ 546,942.76			
College Endowment, Earnings and Other Additions	213,406.44	$ 102.20	213,508.64	$ 405.40	$ 708,000.00	$ 59,046.00*
College Endowment, John Clay Gift (1922)	7,000.00		7,000.00			
Sub-Total	($ 767,349.20)	($ 102.20)	($ 767,451.40)	($ 405.40)	($ 708,000.00)	($ 59,046.00)
FOR RESEARCH						
Hinds Agricultural Research Fund (1940)	$ 22,500.00		$ 22,500.00			$ 22,500.00**
FOR STUDENT AID AND AWARDS						
Charles F. Bowers Memorial Fund (1945)	$ 2,110.00		$ 2,110.00	$ 10.00	$ 2,100.00	
W. C. Bryant Scholarship Fund (1948)	8,477.50		8,477.50		100.00	$ 8,377.50†
George W. Catt Scholarship Fund (1922-1942-1947-1950)	239,637.85		239,637.85	1,416.31	205,700.00	32,521.51‡
Vera Foreman Friley Scholarship Fund (1948)	2,200.00		2,200.00		2,200.00	
George Gund Scholarship Fund (1944 to 1954)	25,391.19	$ 500.00	25,891.19	29.19	9,332.50	16,529.50†
Group Investment for Memorial Prize Fund						
Klopp—Horticulture (1924)						
Pack—Forestry (1925)						
Rausch—Home Economics (1921)	5,600.00		5,600.00		5,600.00	
Walker Clean and Pure Milk (1925)						
Zimmerman—Horticulture (1914)						
Kimball Memorial Fund (1950)	460.00		460.00	60.00	400.00	
Karl Keffer Associates		2,300.00	2,300.00			2,300.00†
Anson Marston Medal Fund (1935)	4,000.00		4,000.00		4,000.00	
LaVerne Noyes Scholarship Fund (1938)	235,200.00		235,200.00		15,200.00	220,000.00†
Maria M. Roberts Scholarship Fund (1930)	10,000.00		10,000.00		10,000.00	
Frances A. Shelden Student Loan Fund (1924)	10,000.00		10,000.00	450.00	1,200.00	8,350.00††
Paul V. Starch—Phi Zeta Scholarship Fund (1950)	237.00		237.00		237.00	
Paul P. Stewart Memorial Scholarship Fund (1950)	15,100.00		15,100.00		15,100.00	
Florence N. Walls Fund (1948)	19,800.00		19,800.00		19,800.00	
Sub-Total	($ 578,213.54)	($ 2,800.00)	($ 581,013.54)	($ 1,965.53)	($ 290,969.50)	($ 288,078.51)

FOR UNDESIGNATED PURPOSES						
E. W. Stanton Estate Fund (1931)	$ 23,209.29		$ 23,209.29	$ 17.29	$ 23,192.00	
TEMPORARILY FUNCTIONING AS ENDOWMENT						
Josephine A. Bakke Memorial Fund (1950)	$ 206.00		$ 206.00	$ 206.00		
Contingency Fund (1936)	2,882.17		2,882.17	70.17	$ 2,812.00	
Journal of Science Revolving Fund	3,496.50		3,496.50		3,496.50	
Land Reserve Fund	12,811.25		12,811.25	255.75	12,555.50	
Sub-Total	($ 49,395.92)		($ 49,395.92)	($ 531.92)	($ 18,864.00)	
Total	$ 1,140,667.95	$ 2,902.20	$ 1,143,570.15	$ 2,950.14	$ 1,070,995.50	$ 369,624.51

* Farm Mortgages $51,810.00; Land Contracts $1,236.00.
** Land in Page County.
† Stocks.
†† Stocks $22,521.51; Advance to Plant Fund for Allen Farm $10,000.00.
††† Farm Mortgage.

COLLEGE TREASURER

Bank Reconciliations and Changes Funds Summary - All Funds

	Balances June 30, 1954 Per Banks	Deposits in Transit	Checks Afloat and Transfers	Balance Treasurer's Books
Ames Trust and Savings Bank	$ 396,522.19	$ 54,247.89	$ 41,049.44	$ 409,720.64
Central National Bank and Trust Company	559,968.00	34,892.41	4,187.01	590,673.40
College Savings Bank	509,034.14	454,887.64	817,870.35	146,051.43
College Savings Bank, Payroll	1,457,347.95	132,453.92	961,015.94	628,785.93
College Savings Bank, Transfer	29,193.46	1,411.58	7,457.93	23,147.11
College Savings Bank, Student Organizations	90,911.65	1,633.77	17,157.30	75,388.12
Iowa-Des Moines National Bank	376,221.03	59,705.32	15,318.83	420,607.52
Iowa-Des Moines National Bank, Ames Laboratory	129,915.19	134,000.00	157,283.12	106,632.07
Merchants National Bank	74,329.54		2,275.06	72,054.48
Union-Story Trust and Savings Bank	358,739.30	81,700.12	79,088.91	361,350.51
Union-Story Trust and Savings Bank, College Book Store	41,054.54	18,468.01	18,103.81	41,418.74
Sub-Total	$4,023,236.99	$ 973,400.66	$2,120,807.70	$2,875,829.95
Deposits in Transit	$ 973,400.66			
Total Balances—Treasurer's Books			$2,875,829.95	
Proof of Reconciliation	$4,996,637.65		$4,996,637.65	
Change Funds—Current Restricted Funds				$ 3,470.00
Cash Items, Cashier and Others				6,852.89
Treasurer's Balance and Cash				$2,886,152.84
SUMMARY OF CASH AS FOLLOWS:				
Current Funds				
General Operations	$ 398,905.66			
Repairs, Replacements, and Alterations	36,848.06			
Organized Educational Activities	355,026.40			
Auxiliary Enterprises	369,478.46			
Stores, Services and Revolving Funds	388,760.45			
Restricted Funds	541,147.77	$2,090,166.80		
Loan Funds		34,944.85		
Endowment and Other Non-Expendable		2,950.14		
Plant Funds		335,032.19		
Agency Funds		419,588.86		
Change Funds		3,470.00		
Total			$2,886,152.84	
Change Funds:				
Current Funds				
College Book Store	$ 2,000.00			
Dairy Industry Creamery	100.00			
Veterinary Clinic	50.00			
Friley Hall	300.00			
WOI Television	20.00			
Dr. William Paddock—Guatemala Tropical Research	1,000.00			
Total Change Funds	$ 3,470.00			

STAFF—REGULARLY APPOINTED

Summary by Rank

(Full-time Equivalent Basis)

	Administration	Instruction	Organized Research	Sponsored Research	Extension	Library Physical Plant Auxiliary	Total
Deans and Directors	5	5	1	1	1	2	15
Professors		153	52	14	20	4	243
Associate Professors		110	29	11	16	4	170
Assistant Professors		169	35	20	32	11	267
Instructors and Associates		155	16	67	21	24	313
Sub-Total	(5)	(592)	(163)	(113)	(90)	(45)	(1,008)
Graduate Assistants		165	81	191	3	3	443
County Extension Directors, Home Economists, and Youth Assistants					219		219
Clerical	17	93	26	38	33	32	269
Other	102	73	74	219	30	264	762
Total	154	923	344	561	375	344	2,701

BIENNIAL REPORT OF REGISTRAR
ARTHUR M. GOWAN, REGISTRAR
Fiscal Year 1952-53

TABLE A
CUMULATIVE ENROLLMENT 1952-53
A Summary of different individuals enrolled during the year

	Academic Year Sept. 1952-June 1953			Fiscal Year June 1952-June 1953		
	Men	Women	Total	Men	Women	Total
Grand total of all students	6,381	2,269	8,650	6,972	2,671	9,643
Total of all students of college grade	6,294	2,106	8,400	6,870	2,447	9,317
I. Students in residence of college grade	6,185	1,957	8,142	6,761	2,298	9,059
Agricultural Engineering	110	0	110	119	0	119
Agriculture	1,980	44	2,024	2,247	66	2,313
Engineering	2,109	18	2,127	2,239	21	2,260
Home Economics	5	1,591	1,596	5	1,874	1,879
Science	1,720	304	2,024	1,886	337	2,223
Veterinary Medicine	261	0	261	265	0	265
II. Students not in residence of college grade. Extension, Off-campus	109	149	258	109	149	258
III. Students in residence, not of college grade. Music and Driver Training	87	163	250	102	224	326

TABLE B
CUMULATIVE ENROLLMENT 1953-54
A Summary of different individuals enrolled during the year

	Academic Year Sept. 1953-June 1954			Fiscal Year June 1953-June 1954		
	Men	Women	Total	Men	Women	Total
Grand total of all students	6,676	2,187	8,863	7,079	2,542	9,621
Total of all students of college grade	6,590	2,056	8,646	6,982	2,373	9,355
I. Students in residence of college grade	6,493	1,981	8,474	6,885	2,298	9,183
Agricultural Engineering	144	0	144	148	0	148
Agriculture	1,914	43	1,957	2,098	64	2,162
Engineering	2,442	19	2,461	2,518	19	2,537
Home Economics	6	1,617	1,623	6	1,874	1,880
Science	1,716	302	2,018	1,843	341	2,184
Veterinary Medicine	271	0	271	272	0	272
II. Students not in residence of college grade. Extension, Off-campus	97	75	172	97	75	172
III. Students in residence, not of college grade. Music and Driver Training	86	131	217	97	169	266

TABLE C
RESIDENCE ENROLLMENTS BY SESSIONS
College Grade Only

	Undergraduate		Special		Graduate		Total		
	Men	Women	Men	Women	Men	Women	Men	Women	Total
1st Summer Session (1952)	737	243	44	61	683	166	1,464	470	1,934
2nd Summer Session (1952)	496	110	27	21	535	90	1,058	221	1,279
Fall Quarter (1952)	4,856	1,589	75	35	819	109	5,750	1,733	7,483
Winter Quarter (1953)	4,611	1,572	39	25	809	103	5,459	1,700	7,159
Spring Quarter (1953)	4,284	1,496	33	30	770	101	5,087	1,627	6,714
1st Summer Session (1953)	666	250	32	58	595	138	1,293	446	1,739
2nd Summer Session (1953)	546	127	18	36	453	92	1,017	255	1,272
Fall Quarter (1953)	5,095	1,714	58	31	797	85	5,950	1,830	7,780
Winter Quarter (1954)	4,782	1,658	83	30	792	81	5,657	1,769	7,426
Spring Quarter (1954)	4,533	1,590	35	29	751	81	5,319	1,700	7,019

TABLE D
FULL TIME EQUIVALENCY ENROLLMENT
College Grade Only

	Academic Year 1952-1953 Total	Fiscal Year 1952-1953 Total	Academic Year 1953-1954 Total	Fiscal Year 1953-1954 Total
Full time equivalency for students in residence of college grade	7,676	8,090	8,070	8,511

TABLE E
DEGREES AND DIPLOMAS

	1952-1953	1872-1953	1953-1954	1872-1954
Baccalaureate Degrees				
Present curricula	1,060	30,669	978	31,647
Discontinued	..	778	....	778
Doctor of Veterinary Medicine	56	1,765	61	1,826
Higher Degrees (total)	322	6,903	324	7,227
Doctor of Philosophy	125	1,455	140	1,595
Master of Landscape Architecture	..	5	..	5
Master of Science	194	4,937	180	5,117
Professional Degrees				
In Engineering	1	349	...	353
Master of Agriculture	..	58	....	58
Master of Forestry	..	12	..	12
Master of Landscape Architecture		1		1
Honorary Degrees				
Doctor of Agriculture	1	8		8
Doctor of Engineering	..	13	..	13
Doctor of Laws	1	7	...	7
Doctor of Science	..	34	...	34
Discontinued Higher Degrees	..	24	...	24
All Degrees Conferred	1,438	40,115	1,363	41,478

TABLE F
VETERANS
Students Receiving Aid from the Veterans Administration

	1952-1953		1953-1954
First Summer Session	363	First Summer Session	322
Second Summer Session	258	Second Summer Session	245
Fall	532	Fall	629
Winter	630	Winter	723
Spring	602	Spring	750

TABLE G

SUMMARY OF ENROLLMENT - FALL AND SPRING

Counted at the end of the third week of Fall Quarter	Fall 1944 *	Fall 1945 *	Fall 1946	Fall 1947	Fall 1948	Fall 1949	Fall 1950	Fall 1951	Fall 1952	Fall 1953
Total Different Students	2,436	3,407	9,216	9,700	10,114	8,987	8,135	7,548	7,824	8,081
Total Different Students—College Grade	2,356	3,314	9,117	9,599	10,019	8,884	8,011	7,418	7,691	7,930
Total Different Students in residence—College Grade	2,356	3,314	9,117	9,599	10,019	8,884	7,731	7,175	7,484	7,780
Total Different Students not in residence—College Grade	0	0	0	0	0	0	280	243	207	150
Total Different Students in residence—not College Grade	80	93	99	101	95	103	124	130	133	151

Counted at the end of the third week of Spring Quarter	Spring 1945 *	Spring 1946 *	Spring 1947	Spring 1948	Spring 1949	Spring 1950	Spring 1951	Spring 1952	Spring 1953	Spring 1954
Total Different Students	2,180	5,902	8,523	8,551	8,912	7,815	6,846	6,690	6,876	7,190
Total Different Students—College Grade	2,090	5,802	8,427	8,467	8,829	7,673	6,768	6,550	6,734	7,051
Total Different Students in residence—College Grade	2,090	5,802	8,427	8,467	8,829	7,673	6,698	6,500	6,714	7,019
Total Different Students not in residence—College Grade	0	0	0	0	0	0	70	50	20	32
Total Different Students in residence—not College Grade	90	100	96	84	83	142	78	140	142	139

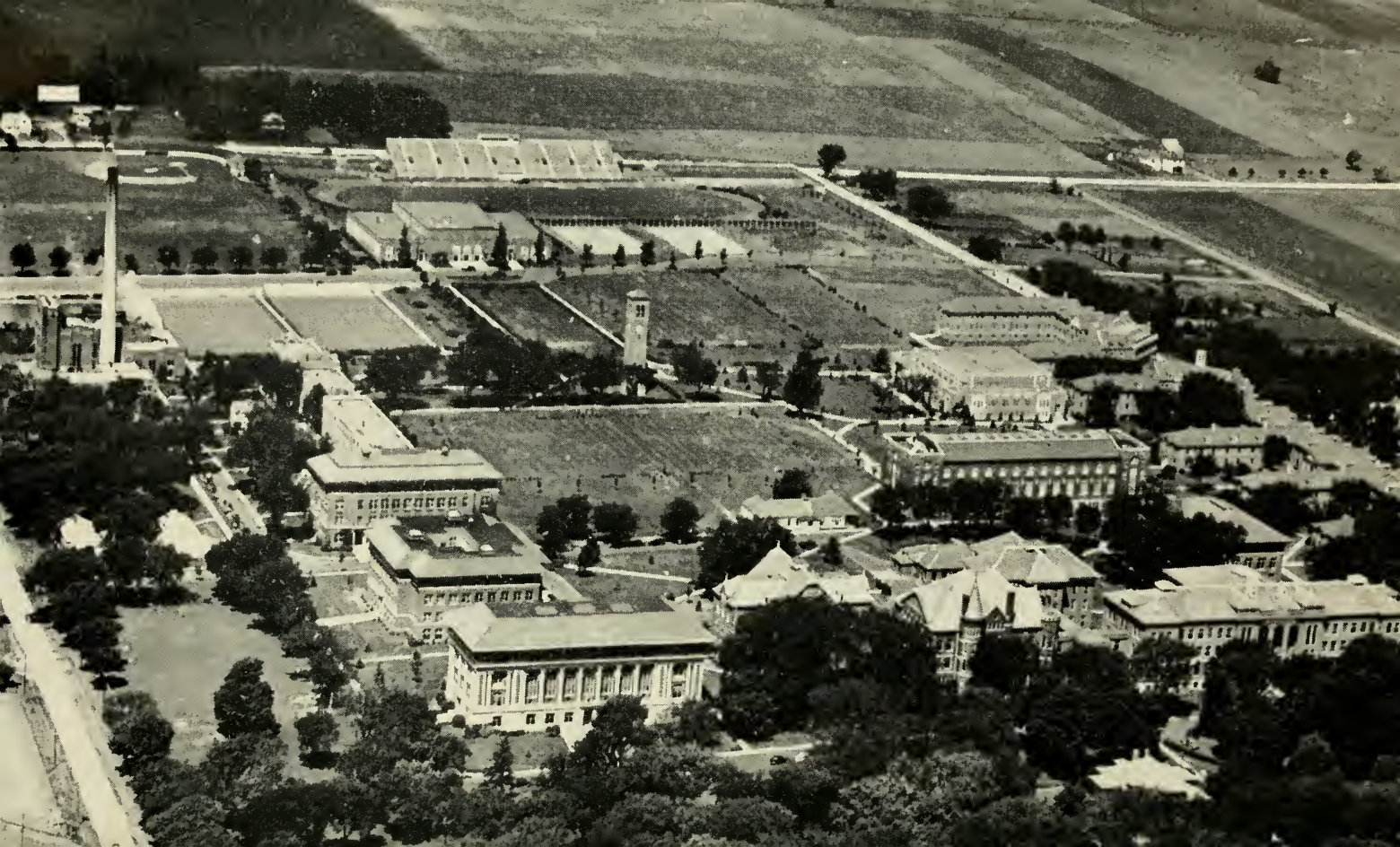
* Armed Service Trainees Not Included.

Iowa State Teachers College

Cedar Falls

Biennial Report

Period Ending June 30, 1954



Iowa State Teachers College

Report of J. W. Maucker, President

J. W. MAUCKER

The Iowa State Teachers College was founded in 1876 by act of the 16th General Assembly and assigned the function of educating teachers for the public schools of the state of Iowa. In recent years teachers colleges throughout the nation have tended to spread out into non-teacher training areas to such an extent as to overshadow and in some instances, to submerge their original function of teacher education. The Iowa State Teachers College continues to adhere to its primary function—the professional education of teachers and other public school personnel.

In performing the task assigned to it by the State of Iowa, the college recognizes the following four functions:

1. To prepare teachers, principals, and supervisors for all levels of instruction and in all subject fields in the public schools. This is the historic function of the college extended recently to include preparation of such personnel at the master's degree level. The bulk of the college program is, of course, devoted to the accomplishment of this task. Curricula are designed to meet the state requirements for all types of teaching and supervisory certificates. A conscious effort has been made to secure a proper balance between the general education of the student as a person and a citizen and his professional training as a teacher.

2. To provide in-service education of public school personnel through consultative services to schools of the state, formal courses for teachers on the job, conferences, institutes, workshops for teachers in the field—this is the long-accepted extension function of the college—of double value in assisting teachers on the job and in keeping college staff members in touch with the schools for which teachers are being educated. During a typical year, in excess of 1,200 days of service are provided through these programs which reach every county in the state.

3. To exercise general leadership in public education throughout the state, through staff service on various state-wide committees, through research, through publications, and through radio and television programs. While this leadership function may be thought of as auxiliary to the primary function of teacher education, it is undoubtedly true that creative work and cooperation with school officials, classroom teachers, and lay leaders in education helps tremendously to keep the instructional program of the college vitally related to that of the public schools.

4. To serve the needs of the local community in which the college is located for education beyond the secondary level, to the extent that the college can do so without impairing its primary function of educating teachers and without adding substantially to the cost of maintaining the college program. This is clearly a subordinate function but a vital one.

CURRICULAR OFFERINGS

The college offers a four-year curriculum in elementary education, four-year curricula in secondary education and a program of graduate work leading to the master's degree for teachers, principals and supervisors in the public schools. In addition, the college offers a program through which a student may meet the certification requirements for elementary teaching through completing two years of college work.

Curricula of less than two years duration have been dropped since September, 1952, at which time the legislation enacted by the 51st General Assembly made two years of college education the minimum requirement for beginning teachers in the elementary field. In the belief that, as soon as practicable, all teachers at both the elementary and secondary levels should be encouraged to consider the four-year program leading to the bachelor of arts degree as a minimum preparation for initial teaching assignments, the college discontinued the two year curriculum in elementary education as a formal curriculum leading to a diploma, effective June 1, 1954. Until such time as the legislature makes the four-year program the minimum requirement for elementary school teachers, however, the college will continue to offer a two-year program, not leading to a diploma but geared into the four-year curriculum leading ultimately to the bachelor of arts degree.

During the last ten years, the faculty of Iowa State Teachers College has engaged in two major undertakings involving a comprehensive analysis of existing curricula and intensive, cooperative effort in the construction of new or revised curricula. The first, a thorough-going modification of the undergraduate program resulted in the so-called "new curriculum" put into effect by the faculty with the freshman class of September, 1950. This program is characterized by a general education sequence which requires about one-third of the student's time in his four years of college work and which is taken in common by all students regardless of their educational objective. This sequence involves work in the fields of communication, quantitative thinking, physical and biological science, world resources, sociology, economics and political science, the humanities (an examination of the major concepts which constitute the heritage of western Christian civilization), art, music, philosophy and/or religion (the Bible as heritage). In addition, the student devotes about one-half of his time to preparation in his special subject-matter fields and about one-sixth of his time to work in strictly professional education (involving study of child development, the theory of learning, mental hygiene, the place of the public school in our social system, the social forces impinging upon the school, technique and method in the areas which he will teach and an extended period of student teaching.) The latter phase of the program is characterized by emphasis on laboratory experience, informal contacts with children, observation in the campus laboratory school and the school systems in neighboring cities and towns, plus an intensive experience for the bulk of one quarter in his student teaching assignment in the campus

school or one of the affiliated schools in Hudson, Waterloo, Independence or a rural school affiliated with the college.

The second major curricular effort has been the development of a master's degree program, begun in June, 1952, to assist in the development of the master classroom teacher, the school principal at the elementary, junior high, or senior high level, or the special supervisor in the public school program. This program is based on a minimum of three full quarters of graduate work and includes a thesis requirement now commonly omitted from the master's degree program of many colleges. The program is characterized by a high degree of flexibility in the requirements, an effort being made to adapt the specific requirements to the special needs of the individuals.

The curricular offerings in summary form with indication of the special subject fields in which students may major are as follows:

I. The Graduate Curricula. These lead to the Master of Arts in Education degree, the minimum requirement for which is 45 quarter hours of credit. On the master's degree curricula, students are prepared for the following areas:

1. Elementary teachers.
2. Elementary principals.
3. Elementary supervisors.
4. Secondary teachers of art, business education, English, mathematics, science, social science, and speech.
5. Secondary principals.
6. Secondary and special subject field supervisors.

II. Four-Year Degree Curricula. These lead to the Bachelor of Arts degree, the minimum requirement for which is 196 quarter hours of credit. On the degree curricula, students are prepared for the following areas:

1. Secondary teachers of agriculture, art, business education, earth science, English, foreign languages, home economics, industrial arts, mathematics, music, physical education, science, social science, speech, and school librarians.
2. Special teachers of agriculture, art, industrial arts, music, physical education, speech correction, and school librarians.
3. Elementary teachers for nursery school, kindergarten, primary, intermediate, and upper grades, and school librarians.
4. Junior high school education in all usual areas of instruction.

In addition, the two-year plan leads to the standard elementary certificate, the minimum requirement for which is 98 quarter hours of credit. In this program students may begin their preparation to teach in rural schools in the lower grades or in the upper grades. The program is so arranged that the work will apply on a four-year degree curriculum if the student wishes to continue beyond the two-years necessary for initial certification.

Supplementing these formal on-campus curricular offerings, the college offers a number of special services to enrich the students' education and to assist him in becoming a competent teacher. Such services include the college placement bureau through which graduates and former resident students of the college are aided to obtain teaching positions; the student health service providing preventive care and emergency medical service on a 24-hour basis; a program of conferences, workshops, and exhibits, which bring nationally known leaders in the various fields

of teacher education to the campus for the benefit of students on campus and school personnel within reasonable driving distances of Cedar Falls; a curriculum laboratory containing a comprehensive collection of courses of study, educational bulletins, printed materials, textbooks, workbooks, educational tests, and numerous other kinds of instructional materials, which are available for study and use by the students; an audio-visual center containing films, film-strip recordings, and all types of audio-visual equipment which may be found in the schools of Iowa; the Iowa Teacher Conservation Camp operated each summer in collaboration with the State Department of Public Instruction and the State Conservation Commission as a field laboratory course in conservation for teachers at Springbrook State Park, Guthrie Center, Iowa; offerings at the Iowa Lakeside Laboratory for teachers of biology, botany, zoology, in connection with personnel from State University of Iowa and Iowa State College; and a program of radio and TV education through which the college provides radio and television programs for direct use in the schools of the state. Requests for manual and study guides used in connection with the daily broadcasts indicate a weekly audience of approximately 30,000 children in rural and urban schools. Finally, Saturday and evening classes have recently been inaugurated in order to provide more opportunity for teachers in the vicinity of the college to continue their professional preparation while engaged in teaching.

PHYSICAL PLANT

The campus contains approximately 279 acres with 29 principal buildings. The Anna B. Lawther Hall, Bartlett Hall, and the newly constructed Sadie B. Campbell Hall provide living accommodations for a total of 1,350 women students. The George T. Baker Hall and the Homer H. Seerley Hall and Stadium Hall, with a "normal capacity" of 320 men, generally provide accommodations for a considerably larger number. The Commons is designed to provide social education and recreational training for members of the student body. Complete food service is housed on the ground floor of The Commons. Students are encouraged to participate in a wide variety of extra-curricular activities, including music, drama, the dance, athletics (intermurals as well as intercollegiate competition in the North Central Conferences), student government, forensics, and social, professional, and religious organizations and activities. A Student Council on Religious Activities sponsors an extensive program throughout the year; these efforts are supported by nine student centers maintained adjacent to the campus by various religious groups in the State of Iowa, who are interested in providing religious instruction for future teachers of the state. The on-campus program is coordinated by a Director of Religious Activities as an integral part of the total student personnel program. Counseling of students with regard to educational, vocational and personal problems is given considerable attention; in addition to the typical departmental advising set-up, a Coordinator of Counseling works full-time with specially designated faculty counsellors for freshmen; the residence hall program provides both student and staff counsellors in the halls; and clinical facilities are available for students with special problems.

PRESENT AND FUTURE SHORTAGE OF TEACHERS

Almost every community in Iowa has now experienced the critical shortage of teachers referred to in previous biennial reports by former

President Malcolm Price. This severe shortage, particularly in the elementary school field, has resulted from the up-swing in the birthrate during the early 1940's, the period of World War II; the impact of the even greater increase in the birthrate which characterized the years immediately following World War II is just beginning to be felt in the schools of the state at the elementary level. This influx of larger numbers of youngsters into the kindergartens and first grades during the next five years will mean, of course, a second large wave of enrollment sweeping up through the junior high and senior high schools following the World War II bulge. Consequently, a need for teachers will be one of the state's most difficult problems during the next ten years; it therefore is imperative that the state of Iowa maintain a vigorous program at its single State Teachers College in order to provide the school districts of the state with as many highly qualified teachers as possible. Dedicated to this task, the college welcomes the assistance, support, and criticism of citizens of the State.

FINANCIAL REPORT OF THE IOWA STATE TEACHERS COLLEGE
For the Year Ended June 30, 1953

REPORT OF THE SECRETARY AND THE TREASURER
Receipts and Disbursements of all Funds
From July 1, 1952 to June 30, 1953

PHILIP C. JENNINGS, BUSINESS MANAGER AND SECRETARY
James L. Bailey, Treasurer

The current income and expenses for general educational purposes are handled through two funds. One is the General Operations Fund which receives its income from the state appropriation for salaries, support, and maintenance plus student fees and tuition, sales, and miscellaneous receipts. The other is the special state appropriation fund for repairs, replacements, and alterations. This was the first year, at least in recent years, in which unexpended General Educational Funds were required to be reverted to the state treasurer. Since there was a balance of $520,544.01 in the General Operations Fund at the beginning of the fiscal year, it was not necessary to draw the entire state appropriation. Of the $2,503,500 appropriation for General Operations for the fiscal year, only $2,017,930 was drawn. Of the amount drawn there was available for reversion as of June 30, 1953, $142,933.15. It was necessary to draw the entire appropriation for Repairs, Replacements, and Alterations, and the entire amount drawn was expended or committed for outstanding orders as of June 30, 1953.

Form 1

SUMMARY OF FUND TRANSACTIONS WITH STATE TREASURER
For the Year Ended June 30, 1953

	State Appropriation for 1952-1953 Fiscal Year	Amount Drawn to June 30, 1953
General Operations	$2,503,500.00	$2,017,930.00
Repairs, Replacements, and Alterations	136,500.00	136,500.00
Capital Improvements		505,243.18
Refunds of Sales and Use Taxes		8,506.29

Form 2
IOWA STATE TEACHERS COLLEGE
BALANCE SHEET
June 30, 1953
ASSETS

I. Current Funds			
A. General Educational Funds			
1. General Operations			
Cash		$305,018.73	
2. Repairs, Replacements and Alterations			
Cash		82,438.81	
Total—General Educational Funds			$387,457.54
B. Organized Educational Activities			
Cash		$ 24,185.16	
Investments (Form 16)		21,000.00	
Inventories		6,775.13	
Total Organized Educational Activities			51,960.29
C. Auxiliary Enterprises			
Cash		$269,225.89	
Investments (Form 16)		28,000.00	
Inventories		24,216.25	
Total—Auxiliary Enterprises			321,442.14
D. Stores, Service and Revolving			
Cash		$ 4,615.79*	
Accounts Receivable		6,188.96	
Investments (Form 16)		37,000.00	
Inventories		31,417.38	
Total—Stores, Service and Revolving			69,990.55
E. Restricted			
Non-Educational Purposes			
Cash		$ 4,747.56	
Total Restricted			4,747.56
Total Current Funds			$835,598.08
II. Student Loan Funds			
Cash	$ 5,695.47		
Investments (Form 16)	17,250.00		
Notes Receivable	7,297.99		
Total Student Loan Funds			$ 30,243.46
III. Endowment Funds and Funds Functioning as Endowment			
Cash	2,881.41		
Investments (Form 16)	44,300.00		
Total Endowment and Funds Functioning as Endowment			47,181.41
IV. Plant Funds			
A. Unexpended Plant Funds			
Cash (Form 4)	49,730.24		
B. Investment in Plant			
Land	$ 117,834.00		
Buildings	7,287,957.00		
Improvements other than Buildings	170,740.00		
Departmental Equipment	1,644,574.64		
Total Investment in Plant	9,221,105.64		
Total Plant Funds			9,270,835.88
V. Agency Funds			
Cash	117,833.90		
Investments	24,500.00		
Total Agency Funds			142,333.90
Total—All Funds			$10,326,192.73

*Negative Balance

Form 2, Continued

IOWA STATE TEACHERS COLLEGE
BALANCE SHEET
June 30, 1953

LIABILITIES, RESERVES, AND BALANCES

I. Current Funds			
A. General Educational Funds			
1. General Operations			
Outstanding Orders and other Encumbrances	$ 31,771.77		
Reserve for Veterans Administration claim for contract overpayment	130,313.81		
Balance Available	142,933.15		
Total General Operations			$305,018.73
2. Repairs, Replacements and Alterations			
Outstanding Orders and other Encumbrances			82,438.81
Total General Educational Funds			$387,457.54
B. Organized Educational Activities			
Outstanding Orders and other Encumbrances	4.40		
Reserve for Investments	21,000.00		
Reserve for Inventories	6,775.13		
Balance Available	24,180.76		
Total Organized Educational Activities			51,960.29
C. Auxiliary Enterprises			
Outstanding Orders and other Encumbrances	8,968.21		
Reserve for Investment	28,000.00		
Reserve for Inventories	24,216.25		
Balance Available	260,257.68		
Total Auxiliary Enterprises			321,442.14
D. Stores, Service and Revolving			
Outstanding Orders and other Encumbrances	4,120.67		
Reserve for Accounts Receivable	6,188.96		
Reserve for Investments	37,000.00		
Reserve for Inventories	31,417.38		
Balance Available	8,736.46*		
Total Stores, Service and Revolving			69,990.55
E. Restricted			
Non-Educational Purposes			
Balance Available	4,747.56		
Total Restricted (Form 13)			4,747.56
Total Current Funds			$835,598.08
II. Student Loan Funds			
Reserve for Investment	$ 17,250.00		
Reserve for Notes Receivable	7,297.99		
Balance Available	5,695.47		
Total Student Loan Funds (Form 14)		$	30,243.46
III. Endowment Funds and Funds Functioning as Endowment			
Notes Payable	50.00		
Reserve for Investments	44,300.00		
Balance Available	2,831.41		
Total Endowment Funds and Funds Functioning as Endowment (Form 15)			47,181.41
IV. Plant Funds			
A. Unexpended Plant Funds			
Commitments for projects in process	49,730.24		
B. Investment in Plant			
Notes Payable	$ 1,230,455.00		
Net Investment in Plant	7,990,650.64		
Total Investment in Plant (Form 6)	9,221,105.64		
Total Plant Funds			9,270,835.88
V. Agency Funds			
Reserve for Investments	24,500.00		
Balance	117,833.90		
Total Agency Funds (Form 5)			142,333.90
Total—All Funds			$10,326,192.73

*Negative Balance

Form 3
SUMMARY OF CURRENT INCOME AND EXPENDITURES
For the Year Ended June 30, 1953

INCOME (Form 7)		
General Educational Funds		
State Appropriation for Salaries, Support and Maintenance	$ 2,017,930.00	
State Appropriation for Repairs, Replacements and Alterations	136,500.00	
Total State Appropriated	$ 2,154,430.00	
Other Income	442,746.76	
Total General Educational Funds		$ 2,597,176.76
Organized Educational Activities		28,335.59
Auxiliary Enterprises		972,333.27
Restricted Current Funds		
Educational	$ 3,325.00	
Non-Educational	1,487.00	
Total Restricted Current Income		4,812.00
Total Current Income		$ 3,602,657.62
EXPENDITURES (Form 8)		
General Educational Funds		
Administration	$ 183,615.61	
General Administration Expense	165,649.61	
Instruction	1,636,342.59	
Organized Research	29,752.90	
Extension Service	95,176.86	
Library	76,591.12	
Operation of the Physical Plant	483,419.32	
Contingency Fund	5,000.00	
Repairs, Replacements and Alterations	181,256.23	
Total General Educational Funds		$ 2,856,804.24
Organized Educational Activities		29,852.78
Auxiliary Enterprises		935,204.11
Restricted Current Funds		
Educational	3,325.00	
Non-Educational	1,648.82	
Total Restricted		4,973.82
Total Current Expenditures		$ 3,826,834.95

Form 4
SUMMARY OF CHANGES IN UNEXPENDED PLANT FUNDS BALANCES
For the Year Ended June 30, 1953

Balance July 1, 1952		$ 68,268.40
Additions:		
State Appropriations	$505,243.18	
Refund of Sales and Use Tax	8,506.29	
Total Additions		513,749.47
Total Balance and Additions		$582,017.87
Deductions:		
Expended for Buildings	$513,189.29	
Expenditures Not Capitalized	19,098.34	
Total Deductions		532,287.63
Balance June 30, 1953 (to Form 2)		$ 49,730.24

Form 5
SUMMARY OF CHANGES IN AGENCY FUNDS BALANCES
For the Year Ended June 30, 1953

Balance July 1, 1952	$164,025.93
Additions:	647,183.66
Total Balances and Additions	$811,209.59
Deductions:	668,875.69
Balance June 30, 1953 (to Form 2)	$142,333.90

FORM 6
SUMMARY OF CHANGES IN NET INVESTMENT IN PLANT
For the Year Ended June 30, 1953

	Total	Land	Buildings	Improvements Other Than Buildings	Equipment
Balance July 1, 1952	$8,572,593.32	$ 117,484.00	$6,718,568.00	$ 157,041.56	$1,579,499.76
Additions:					
Expended from—					
General Operations Fund	60,744.13	350.00			60,394.13
Repairs, Replacements and Alterations	69,898.44		56,200.00	13,698.44	
Auxiliary Enterprises	13,411.64				13,411.64
Service Departments	289.75				289.75
Agency Funds	275.00				275.00
Unexpended Plant Funds	513,189.00		513,189.00		
Total Balance and Additions	$9,230,401.28	$ 117,834.00	$7,287,957.00	$ 170,740.00	$1,653,870.28
Deductions:					
Plant Assets Written off or Otherwise Disposed of (Net Adjustment)	9,295.64				9,295.64
Balance June 30, 1953 (to Form 2)	$9,221,105.64	$ 117,834.00	$7,287,957.00	$ 170,740.00	$1,644,574.64

Form 7
STATEMENT OF CURRENT INCOME
For the Year Ended June 30, 1953

GENERAL EDUCATIONAL FUNDS		
State Appropriation for Salaries, Support and Maintenance	$2,017,930.00	
State Appropriation for Repairs, Replacements and Alterations	136,500.00	
Total State Appropriated		$2,154,430.00
Other Income		
Tuition—Student Fee Income	$ 166,890.45	
Tuition—Campus School	9,551.30	
Tuition—Preschool	88.00	
Music Fees	14,066.00	
Total Tuition and Fees	$ 190,595.75	
Less Refunds	7,792.45	
Net Student Fee Income	$ 182,803.30	
Income from Affiliated Schools	21,558.40	
Federal Appropriations	1,509.48	
Library Fines	817.65	
Recreation Park	1,032.50	
Veterans Administration—Excess cost of Instruction	187,414.55	
Rental of Auditorium	600.00	
Gymnasium Fees	1,260.00	
Material Transfers Income	6,563.68	
Use of College Buses	4,766.20	
Sale of Equipment	14,411.00	
Miscellaneous Income	20,010.00	
Total—Other Income		442,746.76
Total General Educational Funds		$2,597,176.76
ORGANIZED EDUCATIONAL ACTIVITIES		
Dramatic Arts	$ 3,551.15	
Home Management House	2,640.98	
Band Tours	2,363.93	
Opera	658.05	
Correspondence Study	6,216.59	
Extension Class	6,721.87	
Educational Service Publications	1,835.92	
Store Account (Physical Education for Elementary Grades Book)	4,347.10	
Total Organized Educational Activities		28,335.59
AUXILIARY ENTERPRISES		
Dormitories and Food Service (Form 9)	$ 842,980.64	
Intercollegiate Athletics (Form 12)	38,423.14	
Auxiliary Activities (Form 11)	80,619.91	
Rental Properties	3,623.40	
Art Stores	718.00	
Campus School Stores	1,821.91	
Industrial Arts Stores	4,057.04	
Mathematics Stores	89.23	
Total Auxiliary Enterprises		$ 972,333.27
RESTRICTED CURRENT FUNDS (Form 13)		
Educational	$ 3,325.00	
Non-Educatonal	1,487.00	
Total Restricted Current Funds		$ 4,812.00
Total Current Income		$3,602,657.62

FORM 8
STATEMENT OF CURRENT EXPENDITURES
For the Year Ending June 30, 1953

	Total	Salaries and Wages	Other Expense	Equipment
GENERAL EDUCATIONAL FUNDS				
General Operations				
Administration				
Office of the President	$ 20,516.51	$ 17,389.70	$ 2,222.63	$ 904.18
Business Office	41,702.80	34,308.61	6,899.84	494.35
Office of Dean of Faculty	34,877.24	31,604.29	2,733.56	539.39
Office of the Registrar	60,978.29	47,322.55	13,655.74	
Office of the Dean of Men	12,825.13	12,514.77	310.36	
Office of the Dean of Women	12,715.64	11,446.23	1,229.67	39.74
Total Administration	$ 183,615.61	$ 154,586.15	$ 27,051.80	$ 1,977.66
General Administration Expense				
Commencements and Convocations	$ 3,357.77		$ 3,357.77	
General Publications	17,823.59		17,823.59	
General Travel	5,071.27		5,071.27	
Group Life Insurance	10,122.64		10,122.64	
Health Service	15,657.27	$ 15,070.30	586.97	
Placement Bureau	28,739.30	24,415.34	4,141.46	$ 182.50
President's Contingent Fund	144.21		144.21	
Public Speaking Activities	1,471.46		1,471.46	
Public Relations and Information Service	53,914.93	41,179.90	12,435.89	299.14
Religious Activities	11,679.73	9,833.76	1,792.12	53.85
State Board of Education	260.42		260.42	
Telephone Service	11,668.44	3,891.46	7,776.98	
Miscellaneous	5,738.58		5,738.58	
Total General Administration Expense	$ 165,649.61	$ 94,390.76	$ 70,723.36	$ 535.49
Instruction				
Art Department	$ 65,637.44	$ 53,910.16	$ 9,219.99	$ 2,507.29
Business Education Department	42,231.80	35,289.10	2,650.38	4,292.32
Education Department	128,239.86	121,989.03	5,666.54	584.29
English and Speech Department	143,469.34	136,567.94	5,400.07	1,501.33
Home Economics Department	39,572.64	34,158.51	3,765.53	1,648.60
Industrial Arts Department	44,925.38	26,891.51	6,535.37	11,498.50
Languages Department	18,341.42	18,274.66	66.76	
Library Science Department	11,511.07	11,458.60	52.47	
Mathematics Department	37,393.69	36,011.43	1,214.18	168.08
Music Department	118,426.07	105,703.34	8,960.50	3,762.23
Men's Physical Education Dept.	47,123.80	41,038.56	5,303.89	781.35
Women's Physical Education Dept.	59,683.28	53,694.91	5,438.67	549.70
Science Department	122,274.94	110,662.89	8,594.83	3,017.22
Social Science Department	87,845.95	84,750.38	2,538.79	556.78
Teaching Department	491,654.28	449,105.63	31,721.92	10,826.73
Curriculum Laboratory	27,059.58	17,523.90	8,148.20	1,387.48
Summer Session	150,952.05	150,952.05		
Total Instruction	$1,636,342.59	$1,487,982.60	$ 105,278.09	$ 43,081.90
General Operations				
Organized Research	$ 29,752.90	$ 26,192.97	$ 3,451.49	$ 108.44
Extension Service				
General Services	$ 69,558.12	$ 54,897.96	$ 14,387.53	$ 272.63
Radio Service	25,618.74	8,070.46	14,797.66	2,750.62
Total Extension	$ 95,176.86	$ 62,968.42	$ 29,185.19	$ 3,023.25
Library	$ 76,591.12	$ 41,564.56	$ 33,794.44	$ 1,232.12
Operation of the Physical Plant				
Administration	$ 19,006.47	$ 18,308.58	$ 650.35	$ 47.54
Maintenance Service	217,004.19	130,649.80	76,000.69	10,353.70
Heating and Power Plant	173,133.17	50,685.16	122,413.98	34.03
Janitorial Service	74,275.49	65,950.97	8,324.52	
Total Physical Plant Operation	$ 483,419.32	$ 265,594.51	$ 207,389.54	$ 10,435.27

FORM 8—Continued
STATEMENT OF CURRENT EXPENDITURES
For the Year Ending June 30, 1953

	Total	Salaries and Wages	Other Expense	Equipment
Contingency Fund	$ 5,000.00		$ 5,000.00	
Repairs, Replacements and Alterations				
Miscellaneous Repairs and Upkeep	$ 541.81		$ 541.81	
Miscellaneous Replacements & Alterations	12,515.47		12,515.47	
Items to Be Presented to Finance Committee for Final Approval	165,466.27		165,466.27	
Repairs to Heating Plant	2,732.68		2,732.68	
Total Repairs, Replacements and Alterations	$ 181,256.23		$ 181,256.23	
Total General Educational Funds	$2,856,804.24	$2,133,279.97	$ 663,130.14	$ 60,394.13
ORGANIZED EDUCATIONAL ACTIVITIES				
Dramatic Arts	$ 2,930.98		$ 2,930.98	
Home Management House	3,274.97		3,274.97	
Band Tours	1,860.54		1,860.54	
Opera	722.59		722.59	
Correspondence Study	8,210.90	$ 7,446.18	764.72	
Extension Class	5,204.97	4,597.20	607.77	
Educational Service Publications	2,155.07		2,155.07	
Store Account (Physical Education for Elementary Grades Book)	5,492.76		5,492.76	
Total Organized Educational Activities	$ 29,852.78	$ 12,043.38	$ 17,809.40	
AUXILIARY ENTERPRISES				
Dormitories and Food Service (Form 9)	$ 823,192.90	$ 186,461.35	$ 623,601.36	$ 13,130.19
Intercollegiate Athletics (Form 12)	33,159.64	874.92	32,284.72	
Auxiliary Activities (Form 11)	74,072.35	34,536.60	39,254.30	281.45
Rental Properties	945.03		945.03	
Art Stores	1,178.46		1,178.46	
Campus School Stores	20.22		20.22	
Industrial Arts Stores	2,581.87		2,581.87	
Mathematics Stores	53.64		53.64	
Total Auxiliary Enterprises	$ 935,204.11	$ 221,872.87	$ 699,919.60	$ 13,411.64
RESTRICTED CURRENT FUNDS (Form 13)				
Educational	$ 3,325.00		$ 3,325.00	
Non-Educational	1,648.82		1,648.82	
Total Restricted	$ 4,973.82		$ 4,973.82	
Total Current Expenditures	$3,826,834.95	$2,367,196.22	$1,385,832.96	$ 73,805.77

FORM 9
DORMITORY AND FOOD SERVICE OPERATING STATEMENT
For the Year Ending June 30, 1953

	Income	EXPENSE				Net Profit or Loss
		Total	Salaries and Wages	Supplies and Miscellaneous	Equipment	
Bartlett Hall	$ 79,925.38	$ 87,634.54	$ 36,280.06	$ 49,980.15	$ 1,374.33	$ 7,709.16*
Lwther Hall	62,615.80	65,500.23	33,576.29	31,923.94		2,884.43*
Campbell Hall	31,851.20	34,324.66	14,004.81	13,433.48	6,886.37	2,473.46*
Baker Hall	23,578.25	23,307.77	9,791.45	13,393.11	123.21	270.48
Seerley Hall	20,256.91	21,270.47	8,526.57	12,743.90		1,013.56*
Stadium Hall	12,785.08	13,917.71	6,216.96	7,445.45	255.30	1,132.63*
Commons Food Service	516,055.85	497,651.88	63,298.22	432,645.58	1,708.08	18,403.97
Campbell Hall Dining Room	57,970.55	63,341.50	12,433.23	48,125.37	2,782.90	5,370.95*
Sunset Village	37,941.62	16,241.14	2,333.76	13,910.38		21,697.48
Totals (to forms 7 and 8)	$842,980.64	$823,192.90	$186,461.35	$623,601.36	$ 13,130.19	$ 19,787.74

* Loss.

FORM 10
SERVICE DEPARTMENT OPERATING STATEMENT
For the Year Ending June 30, 1953

	Income	EXPENSE				Net Profit or Loss
		Total	Salaries and Wages	Supplies and Miscellaneous	Equipment	
Multigraph Department	$ 27,541.30	$ 22,029.17	$ 8,990.64	$ 12,748.78	$ 289.75	$ 5,512.13
Laundry	19,700.64	19,311.84	16,559.86	2,751.98		388.80

FORM 11
AUXILIARY ACTIVITIES OPERATING STATEMENT
For the Year Ending June 30, 1953

	Total	Student Activity Fees	Sales, Service and Miscellaneous
INCOME			
Student Health Service	$23,070.73	$22,551.53	$ 519.20
College Eye Publication (newspaper)	8,189.40	2,980.40	5,209.00
Old Gold Publication (annual)	13,527.99	4,853.75	8,674.24
The Pen Publication (literary magazine)			
Crossroads Publication (humor magazine)	340.85		340.85
Publications—Board of Control	681.23	681.23	
Publications—Sinking Fund	125.00		125.00
Operation of the Commons	19,615.76	16,539.31	3,076.45
Association of Women Students	1,169.44	1,146.64	22.80
Men's Union	1,085.86	1,003.31	82.55
Student League Board	1,423.10	1,423.10	
Lecture-Concert Series	9,664.34	5,741.12	3,923.22
Miscellaneous Auxiliary Activities	1,726.21	1,726.21	
Totals (To Form 7)	$80,619.91	$58,646.60	$21,973.31

	Total	Salaries and Wages	Other Expense	Equipment
EXPENSES				
Student Health Service	$22,851.01	$16,837.12	$ 5,892.44	$ 121.45
College Eye Publication (newspaper)	7,537.02	1,545.96	5,991.06	
Old Gold Publication (annual)	12,697.27	1,523.90	11,013.37	160.00
The Pen Publication (literary magazine)				
Crossroads Publication (humor magazine)				
Publications—Board of Control	615.53		615.53	
Publications—Sinking Fund				
Operation of the Commons	16,329.82	14,629.62	1,700.20	
Association of Women Students	799.11		799.11	
Men's Union	447.75		447.75	
Student League Board	778.36		778.36	
Lecture-Concert Series	10,235.70		10,235.70	
Miscellaneous Auxiliary Activities	1,780.78		1,780.78	
Totals (To Form 8)	$74,072.35	$34,536.60	$39,254.30	$ 281.45

FORM 12
INTERCOLLEGIATE ATHLETICS OPERATING STATEMENT
For the Year Ending June 30, 1953

INCOME		
Student Activity Fee Income	$20,066.20	
Gate Receipts from Home Athletic Contests	12,577.00	
Guarantees for Contests Away from Home	4,644.07	
Miscellaneous Income	1,135.87	
Total Income (To Form 7)		$38,423.14
EXPENSES		
Football Expense (includes $874.92 in Salaries)	$12,250.80	
Basketball Expense	5,592.00	
Wrestling Expense	3,654.28	
Track and Field Expense	3,166.59	
Baseball Expense	2,953.12	
Tennis and Golf Expense	671.83	
Undistributed Expense		
Officials for Home Contests	1,748.20	
Advertising	274.45	
Medical Service	1,604.48	
Special Student Work Program	27.15	
Miscellaneous Expense	1,216.74	
Total Expense (To Form 8)		33,159.64
Net Operating Income		$ 5,263.50

FORM 13
STATEMENT OF RESTRICTED CURRENT FUNDS
For the Year Ending June 30, 1953

	Balance July 1, 1952	Receipts	Disbursements	Balance June 30, 1953
EDUCATIONAL				
Foreign Teacher Education		$3,325.00	$3,325.00	
Total Educational		$3,325.00	$3,325.00	
NON-EDUCATIONAL				
Elmer E. Bartlett Debate Award	$ 33.68	$ 5.00		$ 38.68
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	811.31	397.50	$ 300.00	908.81
Furness & Mary W. Lambert Scholarship Fund	19.00	25.00		44.00
Alice O. Gordon Bequest	8.34	50.00	50.00	8.34
Anna M. Nielsen Music Scholarship Fund	165.00	125.00		290.00
Bertha Martin Memorial Fund	233.41	2.50	12.25	223.66
Dramatic Arts Scholarship Fund	2,534.56	882.00	240.00	3,176.56
Fisher Foundation Scholarship Fund	1,104.08		1,046.57	57.51
Total Non-Educational	$4,909.38	$1,487.00	$1,648.82	$4,747.56
Total Restricted	$4,909.38	$4,812.00 (to Form 7)	$4,973.82 (to Form 8)	$4,747.56 (to Form 2)

FORM 14
STATEMENT OF STUDENT LOAN FUNDS
For the Year Ending June 30, 1953

	Student Loan Fund		Seerley Foundation Loan Fund	
	June 30, 1952	June 30, 1953	June 30, 1952	June 30, 1953
Cash	$ 6,043.38	$ 5,261.31	$ 604.42*	$ 434.16
Investments	17,250.00	17,250.00	2,000.00	
Notes Receivable	2,054.36	3,454.36	2,768.63	3,843.63
Total Balance	$25,347.74	$25,965.67	$ 4,164.21	$ 4,277.79

	Student Loan Fund	Seerley Foundation Loan Fund	Total
Balance July 1, 1952	$25,347.74	$ 4,164.21	$29,511.95
Add: Interest on Loans	38.58	69.83	108.41
Income from Investments	550.00	43.75	593.75
Gifts and Miscellaneous Income	30.50		30.50
Total Balance plus Additions	$25,966.82	$ 4,277.79	$30,244.61
Less: Office Supplies	1.15		1.15
Balance June 30, 1953 (to form 2)	$25,965.67	$ 4,277.79	$30,243.46

* Indicates deficit.

FORM 15
STATEMENT OF ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT
For the Year Ending June 30, 1953

Fund and Classification	Principal June 30, 1953	Income From Investments*
Student Scholarships and Prizes:		
Elmer E. Bartlett Debate Award	$ 300.00	$ 5.00
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	17,918.53	397.50
Furness and Mary W. Lambert Scholarship Fund	1,000.00	25.00
Alice O. Gordon Bequest	2,262.88	50.00
Anna M. Nielsen Music Scholarship Fund	5,000.00	125.00
Bertha Martin Memorial Fund	700.00	2.50
Dramatic Arts Scholarship Fund	20,000.00	882.00
Total (to Form 2)	$47,181.41†	$ 1,487.00

† No change in principal of Endowment Funds and Funds Functioning as Endowment since June 30, 1952.
* Credited to appropriate Restricted Current Fund Account.

FORM 16
SCHEDULE OF INVESTMENTS
June 30, 1953

	Total	U. S. Government Securities	State, County and Municipal Bonds	Common Stock
ORGANIZED EDUCATIONAL ACTIVITIES				
Correspondence Study	$ 19,000.00	$ 19,000.00		
Store Account	2,000.00	2,000.00		
Total Organized Educational Activities	$ 21,000.00	$ 21,000.00		
AUXILIARY ENTERPRISES				
Sunset Village	$ 20,000.00	$ 20,000.00		
Operation of the Commons	3,000.00	3,000.00		
Student Publications Sinking Fund	5,000.00	5,000.00		
Total Auxiliary Enterprises	$ 28,000.00	$ 28,000.00		
STORES, SERVICE AND REVOLVING				
Laundry	$ 25,000.00	$ 25,000.00		
Multigraph	12,000.00	12,000.00		
Total Stores, Service and Revolving	$ 37,000.00	$ 37,000.00		
STUDENT LOAN FUNDS	$ 17,250.00	$ 17,000.00		$ 250.00
ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT				
Alice O. Gordon Scholarship	$ 2,000.00	$ 2,000.00		
Furness and Mary Lambert Awards	1,000.00	1,000.00		
Dramatic Arts Scholarship Fund	17,400.00	15,400.00	$ 2,000.00	
Elmer E. Bartlett Debate Award	300.00	300.00		
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	17,900.00	17,900.00		
Anna M. Nielsen Scholarship Fund	5,000.00	5,000.00		
Bertha Martin Memorial Fund	700.00	700.00		
Total Endowment	$ 44,300.00	$ 42,300.00	$ 2,000.00	
AGENCY FUNDS				
Campanile Fund	$ 5,000.00	$ 5,000.00		
Student Organizations Investment	18,000.00	18,000.00		
Monica Wild Memorial Library Fund	1,500.00	1,500.00		
Total Agency	$ 24,500.00	$ 24,500.00		
Total All Funds	$172,050.00	$169,800.00	$ 2,000.00	$ 250.00

FORM 17
SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS
For the Year Ended June 30, 1953†

Fund	Balance July 1, 1952	Receipts	Disbursements	Balance June 30, 1953
Educational and General Purposes	$ 520,544.01	$2,467,815.23	$2,683,340.46	$ 305,018.78
Repairs, Replacements and Alterations	126,541.06	137,153.98	181,256.23	82,438.81
Organized Educational Activities	25,702.35	28,335.59	29,852.78	24,185.16
Auxiliary Enterprises	252,096.73	972,333.27	955,204.11	269,225.89
Stores, Service and Revolving	79,553.12*	522,350.72	447,413.39	4,615.79*
Restricted Current	4,909.38	4,812.00	4,973.82	4,747.56
Student Loan	5,438.96	5,950.66	5,694.15	5,695.47
Endowment and Funds Functioning as Endowment	281.41	2,600.00		2,881.41
Plant Funds	68,268.40	513,749.47	532,287.63	49,730.24
Agency Funds	139,525.93	647,183.66	668,875.69	117,833.90
Totals	$1,063,755.11	$5,302,284.58	$5,508,898.26	$ 857,141.43

† Includes all cash receipts and disbursements including cash transfers between funds, cash receipts for matured investments, and cash payments for purchase of securities.
* Overdraft.

FORM 18
RECONCILIATION OF BANK STATEMENT
June 30, 1953

Balance per college records, June 30, 1953		$ 857,141.43
Less deposits in transit:	$ 2,466.85	
	23,241.42	25,708.27
Less returned checks June 30, 1953		2.05
		$ 831,431.11
Plus outstanding checks June 30, 1953		272,971.83
Balance per bank statement June 30, 1953		$1,104,402.94

FINANCIAL REPORT OF THE IOWA STATE TEACHERS COLLEGE
For the Year Ended June 30, 1954

REPORT OF THE SECRETARY AND THE TREASURER
Receipts and Disbursements of all Funds
From July 1, 1953 to June 30, 1954

PHILIP C. JENNINGS, BUSINESS MANAGER AND SECRETARY
James L. Bailey, Treasurer

The Funds managed by Iowa State Teachers College are divided into five groups, namely Current Funds, Student Loan Funds, Endowment Funds, Plant Funds, and Agency Funds. The first group, Current Funds, are those funds expendable for current operating purposes. Current Funds include the General Educational Funds which are supported largely by state appropriations and other current operating funds such as Auxiliary Enterprises which are of a self-supporting nature and receive no support from state appropriations. The current income and expenses for general educational purposes are handled through two funds. One is the general Operations Fund which receives its income from the state appropriation for salaries, support, and maintenance plus student fees and tuition, sales and miscellaneous receipts. The other is the special state appropriation for repairs, replacements, alterations and equipment. The Plant Funds group also receives support from state appropriations for capital additions. The financial transactions of all these funds for the fiscal year 1953-54 and the status of the funds as of June 30, 1954, are set forth in the following financial records.

Form 1
SUMMARY OF FUND TRANSACTIONS WITH STATE TREASURER
For the Year Ended June 30, 1954

	State Appropriation for the 1953-54 Fiscal Year	Amount Drawn to June 30, 1954
General Operations	$2,614,750.00	$2,614,750.00
Repairs, Replacements, Alterations and Equipment	207,980.00	207,980.00
Capital Improvements		241,770.88
Veterans' Administration Claim		90,387.86
Hail and Storm Damage		10,194.73
Refund of Sales and Use Taxes		10,517.87

Form 2
IOWA STATE TEACHERS COLLEGE
BALANCE SHEET
June 30, 1954
ASSETS

I. Currents Funds			
A. General Educational Funds			
1. General Operations			
Cash		$202,001.87	
Petty Cash Fund		10,800.00	
Total General Operations		$212,801.87	
2. Repairs, Replacements, Alterations and Equipment			
Cash		54,619.12	
Total General Educational Funds			$ 267,420.99
B. Organized Educational Activities			
Cash		$ 25,252.11	
Investments (Form 16)		26,000.00	
Inventories		4,385.51	
Total Organized Educational Activities			55,637.62
C. Auxiliary Enterprises			
Cash		$296,247.82	
Investments (Form 16)		78,000.00	
Inventories		23,664.04	
Total Auxiliary Enterprises			397,911.86
D. Stores, Service and Revolving			
Cash		$ 5,570.74*	
Accounts Receivable		939.77	
Investments (Form 16)		52,000.00	
Inventories		29,019.03	
Total Stores, Service and Revolving			76,388.06
E. Restricted Current Funds			
Cash		$ 9,480.41	
Total Restricted Current Funds			9,480.41
Total Current Funds			$ 806,838.94
II. Student Loan Funds			
Cash		$ 7,839.56	
Investments (Form 16)		17,250.00	
Notes Receivable		5,906.64	
Total Student Loan Funds			$ 30,996.20
III. Endowment Funds and Funds Functioning as Endowment			
Cash		681.41	
Investments (Form 16)		46,500.00	
Total Endowment Funds			47,181.41
IV. Plant Funds			
A. Unexpended Plant Funds			
Cash (Form 4)		$ 44,863.36	
Due from State of Iowa			
55th G. A. Allocated by Interim Committee		450,000.00	
55th G. A. Not Allocated by Interim Committee		46,713.75	
Total Unexpended Plant Funds		$541,577.11	
B. Investment in Plant			
Land, (342.76 acres)	$ 149,575.00		
Buildings	7,479,068.00		
Improvements other than Buildings	210,076.00		
Departmental Equipment	1,614,144.73		
Total Investment in Plant		9,452,863.73	
Total Plant Funds			9,994,440.84
V. Agency Funds			
Cash		$128,704.83	
Investments		35,500.00	
Total Agency Funds			164,204.83
Total All Funds			$11,043,662.22

*Indicates Negative Amount

Form 2, Continued

IOWA STATE TEACHERS COLLEGE
BALANCE SHEET
June 30, 1954
LIABILITIES, RESERVES, AND BALANCES

I. Current Funds			
A. General Educational Funds			
1. General Operations			
Reserve for Petty Cash Fund		$ 10,800.00	
Unexpended Balance		202,001.87	
Total General Operations		$212,801.87	
2. Repairs, Replacements, Alterations and Equipment			
Unexpended Balance		54,619.12	
Total General Educational Funds			$ 267,420.99
B. Organized Educational Activities			
Reserve for Investments		$ 26,000.00	--
Reserve for Inventories		4,385.51	
Balance Available		25,252.11	
Total Organized Educational Activities			55,637.62
C. Auxiliary Enterprises			
Outstanding Orders and Other Encumbrances		$ 18,718.25	
Reserve for Investments		78,000.00	
Reserve for Inventories		23,664.04	
Balance Available		277,529.57	
Total Auxiliary Enterprises			397,911.86
D. Stores, Service and Revolving			
Outstanding Orders and Other Encumbrances		$ 2,280.55	
Reserve for Accounts Receivable		939.77	
Reserve for Investments		52,000.00	
Reserve for Inventories		29,019.03	
Balance Available		7,851.29*	
Total Stores, Service and Revolving			76,388.06
E. Restricted Current Funds			
Balance Available		$ 9,480.41	
Total Restricted Current Funds (Form 13)			9,480.41
Total Current Funds			$ 806,838.94
II. Student Loan Funds			
Reserve for Investments		$ 17,250.00	
Reserve for Notes Receivable		5,906.64	
Balance Available		7,839.56	
Total Student Loan Funds (Form 14)			$ 30,996.20
III. Endowment Funds			
Notes Payable		$ 50.00	
Reserve for Investments		46,500.00	
Balance Available		631.41	47,181.41
IV. Plant Funds			
A. Commitments for Projects in Process		$494,863.36	
Reserve for State Appropriation not Allocated by Interim Committee		46,713.75	
Total Unexpended Plant Funds		$541,577.11	
B. Investments in Plant and Equipment			
Notes Payable	$1,153,565.00		
Net investment in Plant	8,299,298.73		
Total Investment in Plant (Form 6)		9,452,863.73	
Total Plant Funds			9,994,440.84
V. Agency Funds			
Reserve for Investments		$ 35,500.00	
Balance		128,704.83	
Total Agency Funds (Form 5)			164,204.83
Total—All Funds			$11,043,662.22

*Indicates Negative Amount

Form 3
SUMMARY OF CURRENT INCOME AND EXPENDITURES
For the Year Ended June 30, 1954

INCOME (Form 7)		
General Educational Funds		
State Appropriation for Salaries, Support and Maintenance	$2,614,750.00	
State Appropriation for Repairs, Replacements, Alterations and Equipment	207,980.00	
Total State Appropriated	$2,822,730.00	
Other Income (Net of refunds)	294,013.32	
Total General Educational Funds		$3,116,743.32
Organized Educational Activities		27.456.42
Auxiliary Enterprises		1,037,920.65
Restricted Current Funds		3,363.00
Total Current Income		$4,185,483.39
EXPENDITURES (Form 8)		
General Educational Funds		
Administration	$ 208,588.37	
General Administrative Expense	178,270.65	
Instruction	1,700,550.06	
Organized Research	31,581.04	
Extension Service	120,255.62	
Library	94,065.88	
Operation of the Physical Plant	460,603.96	
Repairs, Replacements, and Alterations	180,417.38	
Total General Educational Funds		2,974,332.96
Organized Educational Activities		24,389.47
Auxiliary Enterprises		960,898.72
Restricted Current Funds—Non Educational		3,363.00
Total Current Expenditures		$3,962,984.15

Form 4
SUMMARY OF CHANGES IN UNEXPENDED PLANT FUNDS BALANCES
For the Year Ended June 30, 1954

Balance July 1, 1953		$ 49,730.24
Additions:		
State Appropriations	$241,770.88	
Refund of Sales and Use Tax	9,727.33	
Transfers from Other Funds	9,153.91	
Total Additions		260,652.12
Total Balance and Additions		$310,382.36
Deductions:		
Expended for land	$ 30,136.25	
Expended for Buildings	200,111.15	
Expended for Equipment	34,323.60	
Returned to State Treasurer	948.00	
Total Deductions		265,519.00
Balance June 30, 1954 (to Form 2)		$ 44,863.36

Form 5
SUMMARY OF CHANGES IN AGENCY FUNDS BALANCES
For the Year Ended June 30, 1954

Balance July 1, 1953	$142,333.90
Additions:	677,815.01
Total Balance and Additions	$820,148.91
Deductions:	655,944.08
Balance June 30, 1954 (to Form 2)	$164,204.83

FORM 6
SUMMARY OF CHANGES IN NET INVESTMENT IN PLANT
For the Year Ended June 30, 1954

	Total	Land	Buildings	Improvements Other than Buildings	Equipment
Balance July 1, 1953	$9,221,105.64	$ 117,834.00	$7,287,957.00	$ 170,740.00	$1,644,574.64
Additions:					
Expended from—					
General Operations Fund	22,360.74	350.00			22,010.74
Repairs, Replacements, Alterations and Equipment	95,698.47			39,336.00	56,362.47
Auxiliary Enterprises	9,171.25				9,171.25
Service Departments	261.95				261.95
Agency Funds	824.24				824.24
Unexpended Plant Funds	264,570.60	30,136.00	200,111.00		34,323.60
Gift	2,000.00	2,000.00			
Total Balance and Additions	$9,615,992.89	$ 150,320.00	$7,488,068.00	$ 210,076.00	$1,767,528.89
Deductions:					
Plant Assets Written off or Otherwise Disposed of (Net Adjustment)	163,129.16	745.00	9,000.00		153,384.16
Balance June 30, 1954 (to Form 2)	$9,452,863.73	$ 149,575.00	$7,479,068.00	$ 210,076.00	$1,614,144.73

Form 7
STATEMENT OF CURRENT INCOME
For the Year Ended June 30, 1954

GENERAL EDUCATIONAL FUNDS		
State Appropriation for Salaries, Support and Maintenance	$2,614,750.00	
State Appropriation for Repairs, Replacements, Alterations and Equipment	207,980.00	
Total State Appropriated		$2,822,730.00
Other Income		
Tuition—Student Fee Income	$ 171,333.90	
Tuition—Campus School	14,197.25	
Tuition—Preschool	258.00	
Music Fees	14,988.50	
Total Tuition and Fees	$ 200,777.65	
Less Refunds	7,118.00	
Net Student Fee Income	$ 193,659.65	
Income from Affiliated Schools	47,935.92	
Library Fines	186.39	
Recreation Park	1,304.25	
Veterans Administration—Excess cost of Instruction	24,255.24	
Rental of Auditorium	500.00	
Federal Appropriations	938.25	
Gymnasium Fees	1,286.00	
Material Transfers Income	7,149.69	
Use of College Buses	4,986.00	
Sale of Equipment	344.50	
Miscellaneous Income	11,467.43	
Total—Other Income		294,013.32
Total General Educational Funds		$3,116,743.32
ORGANIZED EDUCATIONAL ACTIVITIES		
Dramatic Arts	$ 3,584.75	
Home Management House	1,714.30	
Band Tours	2,725.42	
Opera	578.00	
Correspondence Study	5,908.35	
Extension Class	7,246.00	
Educational Service Publications	953.60	
Store Account—Publications	4,746.00	
Total Organized Educational Activities		27,456.42
AUXILIARY ENTERPRISES		
Dormitories and Dining Services (Form 9)	$ 901,956.00	
Auxiliary Activities (Form 11)	86,611.25	
Intercollegiate Athletics (Form 12)	34,618.93	
Campus School Hot Lunch Program	5,567.46	
Rental Properties	4,105.00	
Art Stores	904.68	
Campus School Stores	127.27	
Industrial Arts Stores	3,846.11	
Mathematics Stores	183.95	
Total Auxiliary Enterprises		$1,037,920.65
RESTRICTED CURRENT FUNDS (Form 13)		
Non-Educational		3,363.00
Total Current Income (To Form 3)		$4,185,483.39

FORM 8
STATEMENT OF CURRENT EXPENDITURES
For the Year Ended June 30, 1954

	Total	Salaries and Wages	Other Expense	Equipment
GENERAL EDUCATIONAL FUNDS				
General Operations				
Administration				
Office of the President	$ 22,492.64	$ 20,202.88	$ 1,790.35	$ 429.41
Business Office	49,333.43	39,212.00	5,268.49	4,852.94
Office of the Dean of Faculty	37,001.34	33,686.64	2,873.33	441.37
Office of the Registrar	70,195.30	50,870.32	14,860.37	4,464.61
Office of Dean of Students	29,635.66	28,114.73	1,481.88	39.05
Total Administration	$ 208,588.37	$ 172,086.57	$ 26,274.42	$ 10,227.38
General Administration Expense				
Commencements and Convocations	$ 1,772.22		$ 1,772.22	
Educational Clinic	5,177.87	$ 4,022.55	597.24	$ 558.08
General Publications	17,256.27		17,256.27	
General Travel	3,224.95		3,224.95	
Group Life Insurance	11,305.92		11,305.92	
Health Service	17,028.11	16,441.38	586.73	
Placement Bureau	29,797.56	24,691.23	4,380.87	725.46
President's Contingent Fund	1,050.15		1,050.15	
Public Speaking Activities	1,800.94		1,800.94	
Public Relations and Information Services	63,027.50	49,721.41	12,841.64	464.45
Religious Activities	9,034.21	7,010.55	1,797.85	225.81
State Board of Education	148.75		148.75	
Telephone Service	12,837.73	4,385.42	8,452.31	
Miscellaneous	4,808.47		4,808.47	
Total General Administration Expense	$ 178,270.65	$ 106,272.54	$ 70,024.31	$ 1,973.80
Instruction				
Art Department	$ 62,218.84	$ 52,790.69	$ 7,696.85	$ 1,731.30
Business Education Department	46,868.03	40,973.70	2,740.33	3,154.00
Education Department	122,164.93	115,417.31	5,829.03	918.59
English and Speech Department	156,150.94	147,748.08	6,036.95	2,365.91
Home Economics Department	34,122.60	29,110.07	3,358.21	1,654.32
Industrial Arts Department	38,809.22	26,979.01	6,028.26	5,801.95
Languages Department	14,512.65	14,382.96	19.69	110.00
Library Science Department	11,024.01	10,894.45	129.56	
Mathematics Department	43,488.28	41,387.50	1,366.69	734.09
Music Department	126,954.11	114,780.69	7,817.28	4,356.14
Men's Physical Education Department	48,764.25	41,524.28	6,827.53	412.44
Women's Physical Education Department	54,349.91	48,529.22	5,289.17	531.52
Science Department	126,860.02	113,579.48	9,446.88	3,833.66
Social Science Department	93,001.82	90,034.30	2,387.73	579.79
Teaching Department	542,506.80	493,560.90	33,952.17	14,993.73
Curriculum Laboratory	27,150.47	17,843.48	7,467.78	1,839.21
Summer Session	151,603.18	151,603.18		
Total Instruction	$1,700,550.06	$1,551,139.30	$ 106,394.11	$ 43,016.65
General Operations				
Organized Research	$ 31,581.04	$ 28,234.11	$ 3,319.37	$ 27.56
Extension Service				
General Services	93,003.35	74,060.25	18,581.80	361.30
Radio-TV Service	27,252.27	11,508.62	14,995.67	747.98
Total Extension	$ 120,255.62	$ 85,568.87	$ 33,577.47	$ 1,109.28
Library	$ 94,065.88	$ 38,980.66	$ 46,036.80	$ 9,048.42
Operation of the Physical Plant				
Administration	$ 21,020.21	$ 20,159.42	$ 860.79	
Maintenance Service	205,570.51	148,734.71	43,878.21	$ 12,957.59
Heating and Power Plant	151,054.21	56,872.72	94,181.49	
Janitorial Service	82,959.03	70,854.02	12,092.48	12.53
Total Physical Plant Operation	$ 460,603.96	$ 296,620.87	$ 151,012.97	$ 12,970.12

FORM 8—Continued
STATEMENT OF CURRENT EXPENDITURES
For the Year Ended June 30, 1954

	Total	Salaries and Wages	Other Expense	Equipment
Repairs, Replacements and Alterations				
Miscellaneous Repairs and Upkeep	$ 9,043.65		$ 9,043.65	
Miscellaneous Replacements & Alterations	16,940.95		16,940.95	
Items Presented to Finance Committee for Final Approval	150,254.29		150,254.29	
Repairs to Heating Plant	4,178.49		4,178.49	
Total Repairs, Replacements and Alterations	$ 180,417.38		$ 180,417.38	
Total General Educational Funds	$2,974,332.96†	$2,278,902.92	$ 617,056.83†	$ 78,373.21‡
ORGANIZED EDUCATIONAL ACTIVITIES				
Dramatic Arts	$ 3,067.55		$ 3,067.55	
Home Management House	1,829.47		1,829.47	
Band Tours	2,625.42		2,625.42	
Opera	609.51		609.51	
Correspondence Study	10,484.53	$ 6,755.49	3,729.04	
Extension Class	5,167.94	2,746.80	2,421.14	
Educational Service Publications	508.00		508.00	
Store Account	97.05		97.05	
Total Organized Educational Activities	$ 24,389.47	$ 9,502.29	$ 14,887.18	
AUXILIARY ENTERPRISES				
Dormitories and Dining Services (Form 9)	$ 838,579.40	$ 180,669.51	$ 649,452.72	$ 8,457.17
Auxiliary Activities (Form 11)	78,326.19	34,974.73	42,637.38	714.08
Intercollegiate Athletics (Form 12)	32,192.26	193.38	31,998.88	
Campus School Hot Lunch Program	5,398.94		5,398.94	
Rental Properties	734.61		734.61	
Art Stores	589.62		589.62	
Campus School Stores	530.14		530.14	
Industrial Arts Stores	4,359.60		4,359.60	
Mathematics Stores	187.96		187.96	
Total Auxiliary Enterprises	$ 960,898.72	$ 215,837.62	$ 735,889.85	$ 9,171.25
RESTRICTED CURRENT FUNDS (Form 13)				
Non-Educational	$ 3,363.00		$ 3,363.00	
Total Current Expenditures (To Form 3)	$3,962,984.15	$2,504,242.83	$1,371,196.86	$ 87,544.46

† In addition to Current Expenditures from General Educational Funds, returns to the State Treasurer were made from these funds as follows:

Cash balance July 1, 1953, reserved for Veterans' Administration claim for contract overpayment	$ 130,313.81
Unencumbered cash balance available July 1, 1953	142,933.15
Total Returned to State Treasurer	$ 273,246.96

‡ Equipment purchased from General Operation Fund (Amount encumbered as of June 30, 1953) $ 22,010.74

Equipment purchased from 1953-54 Appropriation for Repairs, Replacements, Alterations and Equipment 56,362.47

Total Equipment Purchased 1953-54 from General Educational Funds $ 78,373.21

FORM 9
DORMITORY AND FOOD SERVICE OPERATING STATEMENT
For the Year Ended June 30, 1954

	Income	EXPENSE				Net Profit or Loss
		Total	Salaries and Wages	Supplies and Miscellaneous	Equipment	
Bartlett Hall	$ 85,334.85	$ 85,173.72	$ 36,070.75	$ 46,307.75	$ 2,795.22	$ 161.13
Lawther Hall	76,615.54	68,763.02	27,036.28	41,195.22	531.52	7,852.52
Campbell Hall	36,305.63	31,087.37	14,416.18	13,493.33	3,177.86	5,218.26
Baker Hall	21,710.71	22,816.45	8,170.84	13,804.65	840.96	1,105.74*
Seerley Hall	27,403.07	24,458.73	10,688.50	12,740.80	1,029.43	2,944.34
Stadium Hall	15,035.92	12,046.56	6,403.68	5,642.88		2,989.36
Commons Food Service	534,330.86	515,848.89	63,878.07	451,888.64	82.18	18,481.97
Campbell Hall Dining Service	63,274.49	61,310.91	11,738.45	49,572.46		1,963.58
Sunset Village	41,944.93	17,073.75	2,266.76	14,806.99		24,871.18
Totals (To Forms 7 & 8)	$901,956.00	$838,579.40	$180,669.51	$649,452.72	$ 8,457.17	$ 63,376.60

* Indicates Loss.

FORM 10
SERVICE DEPARTMENTS OPERATING STATEMENT
For the Year Ended June 30, 1954

	Income	EXPENSE				Net Profit or Loss
		Total	Salaries and Wages	Supplies and Misc.	Equipment	
Multigraph Department	$ 23,628.02	$ 21,322.69	$ 9,502.29	$ 11,558.45	$ 261.95	$ 2,305.33
Laundry	19,085.40	19,291.46	16,473.79	2,817.67		206.06*

* Indicates Loss.

FORM 11
AUXILIARY ACTIVITIES OPERATING STATEMENT
For the Year Ended June 30, 1954

	Total	Student Activity Fees	Sales, Service and Miscellaneous
INCOME			
Student Health Service	$26,080.36	$25,125.23	$ 955.13
College Eye Publication	7,170.33	2,913.93	4,256.40
Old Gold Publication	13,152.69	4,745.56	8,407.13
Publications—Board of Control	676.03	666.03	10.00
Publications—Sinking Fund	125.00		125.00
Operation of the Commons	17,810.26	14,569.66	3,240.60
Association of Women Students	1,263.69	1,263.69	
Men's Union	1,173.05	1,115.02	58.03
Student League Board	3,265.03	1,561.04	1,703.99
Lecture-Concert Series	12,841.98	6,169.81	6,672.17
Miscellaneous Auxiliary Activities	3,052.83	2,825.83	227.00
Totals (To Form 7)	$86,611.25	$60,955.80	$25,655.45

	Total	Salaries and Wages	Other Expense	Equipment
EXPENSES				
Student Health Service	$24,648.68	$17,588.14	$ 6,630.84	$ 429.70
College Eye Publication	10,696.26	1,550.44	9,145.82	
Old Gold Publication	9,541.76	1,418.45	8,063.36	59.95
Publications—Board of Control	249.04		249.04	
Operation of the Commons	16,470.61	14,417.70	1,828.48	224.43
Association of Women Students	1,085.40		1,085.40	
Men's Union	1,222.32		1,222.32	
Student League Board	2,411.01		2,411.01	
Lecture-Concert Series	10,686.82		10,686.82	
Miscellaneous Auxiliary Activities	1,314.29		1,314.29	
Totals (To Form 8)	$78,326.19	$34,974.73	$42,637.38	$ 714.08

FORM 12
INTERCOLLEGIATE ATHLETICS OPERATING STATEMENT
For the Year Ended June 30, 1954

INCOME		
Student Activity Fee	$20,813.80	
Gate Receipts from Home Athletic Contests	7,645.53	
Guarantees for Contests away from Home	5,085.75	
Miscellaneous Income	1,073.85	
Total Income (To Form 7)		$34,618.93
EXPENSES		
Football Expense (Includes $193.38 in Salaries)	$11,544.26	
Basketball Expense	5,158.86	
Wrestling Expense	3,954.51	
Track and Field Expense	3,063.01	
Baseball Expense	2,954.63	
Tennis and Golf Expense	646.89	
Undistributed Expense		
Officials for Home Contests	1,410.20	
Advertising Expense	312.69	
Medical Services	2,079.06	
Miscellaneous Expense	1,068.15	
Total Expense (To Form 8)		$32,192.26
Net Operating Income		$ 2,426.67

FORM 13
STATEMENT OF RESTRICTED CURRENT FUNDS
For the Year Ended June 30, 1954

	Balance July 1, 1953	Receipts	Disbursements	Balance June 30, 1954
Elmer E. Bartlett Debate Award	$ 38.68	$ 5.00		$ 43.68
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	908.81	418.85	$ 450.00	877.66
Furness and Mary W. Lambert Scholarship Fund	44.00	25.00	40.00	29.00
American Legion Auxiliary Scholarship Fund		800.00	734.00	66.00
Fisher Foundation Scholarship Fund	57.51	2,000.00	744.47	1,313.04
Alice O. Gordon Scholarship Fund	8.34	50.00	51.00	7.34
National Wild Life "Ding Darling" Scholarship Fund		1,000.00	1,000.00	
Anna M. Nielsen Music Scholarship Fund	290.00	125.00	125.00	290.00
Bertha Martin Memorial Fund	223.66	9.40	18.53	214.53
Dramatic Arts Scholarship Fund	3,176.56	370.00	200.00	3,346.56
Ann Moline Organ Scholarship Fund		500.00		500.00
Seerley Foundation Scholarship Fund		2,792.60		2,792.60
Total	$4,747.56	$8,095.85	$3,363.00	$9,480.41
			(To Forms 7 & 8)*	(To Form 2)

* Receipts for current restricted purposes are reported as income for the fiscal year only to the extent that the are expended during that year.

FORM 14
STATEMENT OF STUDENT LOAN FUNDS
For the Year Ended June 30, 1954

	Student Loan Fund		Seerley Foundation Loan Fund	
	June 30, 1953	June 30, 1954	June 30, 1953	June 30, 1954
Cash	$ 5,261.31	$ 6,357.40	$ 434.16	$ 1,482.16
Investments	17,250.00	17,250.00		
Notes Receivable	3,454.36	2,994.36	3,843.63	2,912.28
Total Balance	$25,965.67	$26,601.76	$ 4,277.79	$ 4,394.44

	Student Loan Fund	Seerley Foundation Loan Fund	Total
Balance July 1, 1953	$25,965.67	$ 4,277.79	$30,243.46
Add: Interest on Loans	76.46	121.65	198.11
Income from Investments	535.00		535.00
Gifts and Miscellaneous Income	30.15		30.15
Total Balance plus Additions	$26,607.28	$ 4,399.44	$31,006.72
Deduct: Office Supplies	5.52		5.52
Change in Articles of Incorporation		5.00	5.00
Balance June 30, 1954 (To Form 2)	$26,601.76	$ 4,394.44	$30,996.20

FORM 15
STATEMENT OF ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT
For the Year Ended June 30, 1954

Fund and Classification	Principal June 30, 1954	Income From Investments‡
Student Scholarships and Prizes:		
Elmer E. Bartlett Debate Award	$ 300.00	$ 5.00
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	17,918.53	418.85
Furness and Mary W. Lambert Scholarship Fund	1,000.00	25.00
Alice O. Gordon Bequest	2,262.88	50.00
Anna M. Nielsen Music Scholarship Fund	5,000.00	125.00
Bertha Martin Memorial Fund	700.00	9.40
Dramatic Arts Scholarship Fund	20,000.00	457.50
Totals (To Form 2)	$47,181.41†	$ 1,090.75

† No change in principal of Endowment Funds and Funds Functioning as Endowment since June 30, 1953.
‡ Credited to appropriate Restricted Current Fund Account.

FORM 16
SCHEDULE OF INVESTMENTS
June 30, 1954

	Total	U. S. Government Securities	Common Stock
ORGANIZED EDUCATIONAL ACTIVITIES			
Correspondence Study	$ 22,000.00	$ 22,000.00	
Store Account	4,000.00	4,000.00	
Total Organized Educational Activities	$ 26,000.00	$ 26,000.00	
AUXILIARY ENTERPRISES			
Dormitory Operations—Sunset Village Housing	$ 40,000.00	$ 40,000.00	
College Eye	3,000.00	3,000.00	
Operation of the Commons	15,000.00	15,000.00	
Student Publications	5,000.00	5,000.00	
Miscellaneous Auxiliary Activities	15,000.00	15,000.00	
Total Auxiliary Enterprises	$ 78,000.00	$ 78,000.00	
STORES, SERVICE AND REVOLVING			
Mimeograph Department	$ 27,000.00	$ 27,000.00	
Laundry	25,000.00	25,000.00	
Total—Stores, Service and Revolving	$ 52,000.00	$ 52,000.00	
STUDENT LOAN FUNDS	$ 17,250.00	$ 17,000.00	$250.00
ENDOWMENT FUNDS AND FUNDS FUNCTIONING AS ENDOWMENT			
Elmer E. Bartlett Debate Award	$ 100.00	$ 100.00	
C. A. & Katherine S. Boehmler Memorial Scholarship Fund	17,900.00	17,900.00	
Furness & Mary Lambert Awards	1,000.00	1,000.00	
Alice O. Gordon Scholarship Fund	2,000.00	2,000.00	
Anna M. Nielsen Scholarship Fund	5,000.00	5,000.00	
Bertha Martin Memorial Fund	500.00	500.00	
Dramatic Arts Scholarship Fund	20,000.00	20,000.00	
Total Endowment Funds	$ 46,500.00	$ 46,500.00	
AGENCY FUNDS			
Campanile Fund	$ 5,000.00	$ 5,000.00	
Chapel Account	8,000.00	8,000.00	
Student Organizations Investment	18,000.00	18,000.00	
Trust Fund Operating Expense Account	3,000.00	3,000.00	
Monica Wild Memorial Fund	1,500.00	1,500.00	
Total Agency Funds	$ 35,500.00	$ 35,500.00	
Total All Funds	$255,250.00	$255,000.00	$250.00

FORM 17
SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS
For the Year Ended June 30, 1954†

Fund	Balance July 1, 1953	Receipts	Disbursements	Balance July 1, 1954
General Operations	$ 305,018.78	$2,914,901.16	$3,017,918.07	$ 202,001.87
Repairs, Replacements, Alterations and Equipment	82,438.81	208,960.16	236,779.85	54,619.12
Organized Educational Activities	24,185.16	27,456.42	26,389.47	25,252.11
Auxiliary Enterprises	269,225.89	1,037,920.65	1,010,898.72	296,247.82
Stores, Service and Revolving	4,615.79*	379,455.49	380,410.44	5,570.74*
Restricted Current	4,747.56	8,095.85	3,363.00	9,480.41
Student Loan	5,695.47	4,362.61	2,218.52	7,839.56
Endowment	2,881.41	5,300.00	7,500.00	681.41
Plant Funds	49,730.24	368,574.17	373,441.05	44,863.36
Agency Funds	117,833.90	677,815.01	666,944.08	128,704.83
Totals	$ 857,141.43	$5,632,841.52	$5,725,863.20	$ 764,119.75

* Indicates negative figure.
† Includes all cash transactions including cash transfers between funds and cash receipts and payments for sale and purchase of investment securities.

FORM 18
RECONCILIATION OF BANK STATEMENT
June 30, 1954

Balance per college records, June 30, 1954		$ 764,119.75
Less Deposits in Transit: June 29	$ 726.43	
June 30	21,534.02	22,260.45
		$ 741,859.30
Plus: Outstanding Checks		266,633.01
Balance per bank statement June 30, 1954		$1,008,492.31

Statistics Regarding Faculty and Employees of the IOWA STATE TEACHERS COLLEGE
(Student Assistants Not Included)
Report of July 1, 1952, to June 30, 1954

	1952-53	1953-54
President	1	1
Deans	3	3
Administrative Staff	17	18
Professors	42	43
Associate Professors	27	45
Assistant Professors	84	82
Instructors	124	112
Library Staff	10	8
Sub-Total	308	312
Clerical Staff	95	94
Superintendent of Buildings and Grounds	1	1
Maintenance Staff	50	49
Janitors	23	25
Heating Plant Staff	14	15
Health Service	7	8
Dormitories	60	54
Food Service	43	40
Total	601	598

BIENNIAL REPORT OF THE REGISTRAR

MARSHALL R. BEARD, Registrar

Fiscal Year 1952-1953

TABLE A
CUMULATIVE ENROLLMENT 1952-1953
A summary of different individuals enrolled during the year

	Academic year Sept. 11, 1952- June 6, 1953			Full year June 17, 1952- June 6, 1953		
	Men	Women	Total	Men	Women	Total
Grand total of all students				1,768	3,178	4,946
Total of all students of college grade				1,192	2,598	3,790
I. All students in residence of college grade	946	1,496	2,442	1,169	2,200	3,369
Graduate students	76	61	137	197	114	311
Undergradnate students	861	1,422	2,283	963	2,071	3,034
Special students	9	13	22	9	15	24
II. Students not in residence of college grade				33	510	543
Correspondence students				25	405	430
Extension classes				18	226	244
Projected registrations						
III. Students in residence, not of college grade				576	580	1,156
Special music				11	44	55
Campus school				379	380	759
Hudson				162	139	301
Rural schools				24	17	41

TABLE B
CUMULATIVE ENROLLMENT 1953-1954
A summary of different individuals enrolled during the year

	Academic year Sept. 8, 1953-June 4, 1954			Full year June 10, 1953-June 4, 1954		
	Men	Women	Total	Men	Women	Total
Grand total of all students				1,843	3,390	5,233
Total of all students of college grade				1,213	2,734	3,947
I. All students in residence of college grade	953	1,601	2,554	1,180	2,229	3,409
Graduate students	103	92	195	250	188	438
Undergraduate students	844	1,499	2,343	924	2,031	2,955
Special students	6	10	16	6	10	16
II. Students not in residence of college grade				51	603	654
Correspondence students				25	328	353
Extension classes				15	277	292
Projected registrations				2	2	4
Adult evening classes				9	33	42
III. Students in residence, not of college grade				630	656	1,286
Special music				15	60	75
Campus school				409	398	807
Hudson				194	191	385
Rural schools				12	7	19

TABLE C
RESIDENCE ENROLLMENT BY SESSIONS
College Grade Only

	Men	Women	Total
Summer Quarter 1952	402	985	1,387
Fall Quarter 1952	826	1,413	2,239
Winter Quarter 1952-53	779	1,304	2,083
Spring Quarter 1953	730	1,215	1,945
Summer Quarter 1953	389	832	1,221
Fall Quarter 1953	769	1,462	2,231
Winter Quarter 1953-54	791	1,360	2,151
Spring Quarter 1954	782	1,328	2,110

TABLE D
FULL-TIME EQUIVALENCY ENROLLMENT

The following table is computed by dividing the number of hours of credit attempted as shown on the final grade reports, by 45 quarter hours (30 semester hours) which is assumed to be a normal load.

	Academic year Sept. 11, 1952- June 6, 1953			Full year June 17, 1952- June 6, 1953		
	Men	Women	Total	Men	Women	Total
Full-time equivalency for students in residence of college grades	760	1,368	2,128	876	1,636	2,512

	Academic year Sept. 8, 1953- June 4, 1954			Full year June 10, 1953- June 4, 1954		
	Men	Women	Total	Men	Women	Total
Full-time equivalency for students in residence of college grades	770	1,457	2,227	882	1,700	2,582

TABLE E
DEGREES AWARDED

	1906-1954	1952-53	1953-54
All Degrees of Collegiate Grade	9,890	394	317
Degrees now being offered			
Master of Arts in Education (1952-)	16	6	10
Bachelor of Arts (1933-)	6,044	388	307
Discontinued Degrees*			
Bachelor of Arts in Education (1906-1933)	2,884		
Bachelor of Science in Education (1907-1933)	473		
Bachelor of Science in Special Major Lines (1933-1941)	472		
Bachelor of Science (1933)	1		

DIPLOMAS AWARDED
Two or Three Years of College Work

	1906-1954	1952-53	1953-54
All Diplomas of Collegiate Grade†	14,689	374	358
Diplomas now being offered‡			
Two-year Diplomas for Elementary Teachers (1909-1954)‡	12,472	374	358
Discontinued Diplomas**			
Two and Three-year Diplomas for special teachers at the secondary level in various areas (1909-1933)	2,217		

* Degrees offered before 1906 were not based upon four years of college after graduation from an accredited high school and are not included as standard degrees.

† At the time of this report, no adequate analysis has ever been made of diplomas awarded by the Iowa State Normal School (1876-1909).

‡ The two-year diploma for elementary teachers was discontinued with the end of the school year 1954. During the period from 1909-1954 curricula have varied but graduates of all curricula based on two or more years of college work for high school graduates and leading to any form of grade school teaching have been included.

** Discontinued diplomas and certificates based on less than two years of standard college are not included in this report.

TABLE F
VETERANS UNDER VETERANS ADMINISTRATION PROGRAMS

Years	Number enrolled Fall Quarter			Total different individuals, Summer, Fall, Winter, Spring Quarters			Percentage of total men enrolled who were under PL 16, 346 & 550		Percent of total student body who were under PL 16, 346 & 550	
	PL 16	PL 346	PL 550	PL 16	PL 346	PL 550	Fall	Year	Fall	Year
1944-1945	6	0	..	12	5	..	7	10	1	1
1945-1946	15	31	..	27	414	..	23	63	36	14
1946-1947	56	868	..	98	1,120	..	74	74	37	27
1947-1948	81	828	..	107	1,073	..	64	62	32	25
1948-1949	84	736	..	98	957	..	55	55	27	22
1949-1950	46	553	..	61	721	..	45	44	20	18
1950-1951	15	283	..	21	404	..	26	28	11	10
1951-1952	3	151	..	7	209	..	17	19	7	6
1952-1953	1	76	34	4	124	75	13	17	5	6
1953-1954	4	20	107	7	71	209	17	24	6	8

TABLE G
SUMMARY OF ENROLLMENT—Fall and Spring

Counted at the end of the third week of Fall Quarter	Fall 1942	Fall 1943	Fall 1944	Fall 1945	Fall 1946	Fall 1947	Fall 1948	Fall 1949	Fall 1950	Fall 1951	Fall 1952	Fall 1953
Total Different Students	2,537	2,167	1,903	2,435	3,631	4,253	4,714	4,556	4,112	3,798	3,734	3,754
Total Different Students—college grade	1,811	1,418	1,241	1,634	2,854	3,334	3,766	3,534	3,068	2,714	2,658	2,721
Total Different Students in residence—college grade	1,371	813	886	1,226	2,467	2,846	3,083	2,949	2,688	2,352	2,234	2,233
Total Different Students not in residence college grade	440	605	355	408	387	488	683	585	380	362	424	488
Total Different Students in residence—not college grade	726	749	662	801	777	919	948	1,022	1,044	1,084	1,076	1,033

Counted at the end of the third week of Spring Quarter	Spring 1943	Spring 1944	Spring 1945	Spring 1946	Spring 1947	Spring 1948	Spring 1949	Spring 1950	Spring 1951	Spring 1952	Spring 1953	Spring 1954
Total Different Students	2,179	1,981	1,659	2,400	3,471	4,074	4,494	4,300	3,649	3,575	3,517	3,698
Total Different Students—college grade	1,492	1,314	1,225	1,955	2,767	3,178	3,533	3,226	2,614	2,472	2,292	2,490
Total Different Students in residence—college grade	1,028	714	791	1,501	2,273	2,571	2,755	2,672	2,289	2,074	1,945	2,099
Total Different Students not in residence—college grade	464	600	434	445	490	607	778	574	325	398	347	391
Total Different Students in residence—not college grade	687	667	602	707	704	896	961	1,074	1,035	1,103	1,225	1,208

Iowa
Braille and Sight Saving School

Vinton

Biennial Report

Period Ending June 30, 1954

Iowa Braille and Sight Saving School

Report of D. W. Overbeay, Superintendent

D. W. OVERBEAY

The Iowa Braille and Sight Saving School is a residential school for the visually handicapped boys and girls of Iowa who are from five to twenty years old. The main objective of the school is to so prepare its pupils that they can take a contributory place in life—so they will be good citizens economically, socially, physically and morally.

A complete educational program, kindergarten through high school, is offered all in attendance. This educational program compares favorably with ones found in the best schools for the fully sighted. In addition to academic subjects, special emphasis is placed on music, industrial arts, social living and physical education—all of this under the guidance of well-trained and experienced personnel. Upon satisfactory completion of the required course of study graduates are qualified to enter any college or university. Those who have done so have made excellent records.

Not all of the pupils in school are totally blind or read Braille. Many pupils who have partial vision and cannot comfortably read regular-size print use large-type books and other visual aids. These are taught in sight-saving rooms especially equipped with the best in lighting, desks, blackboards and other materials. All teachers in this area have had advanced training in the field of sight-saving.

The school then offers much to those boys and girls of Iowa who, though not blind, have visual anomalies which make it difficult to read the average-size print found in the textbooks in the public schools.

THE SCHOOL

Since the purpose of the Iowa Braille and Sight Saving School is to prepare its graduates to become good citizens economically, socially, physically and morally; every attempt is made to develop a philosophy which accepts loss of vision as a handicap but not an insurmountable barrier, as an additional challenge which must be met.

The Iowa Braille and Sight Saving School does not replace the home, but, rather, complements it. Students do not lose contact with their families. This is easy to understand when one realizes that most of the boys and girls are at home for three months during the summer, two weeks for Christmas, one week each at Thanksgiving and Easter, and many week-ends. Furthermore, frequent visits and weekly letters keep home contacts bright and warm.

Too many people have a distorted mental picture of the blind and especially of the Iowa Braille and Sight Saving School. This concept of a group of expressionless, sad, frustrated children, groping uncertainly in total darkness, would be completely changed if they could visit the beautiful campus and see groups of children happily playing, running, laughing and working together.

In addition to the best physical care, pupils are given academic and industrial courses which will not only prepare them for college entrance but also provide them with a firm basis for a vocation. The course of study, kindergarten through high school, parallels the best offered to sighted pupils in the public schools. Special techniques, tactual devices and auditory aids supplement the learning process.

The pupil-teacher ratio is low. Each child, therefore, is given much individual attention. Special teachers devote all or part of each school day to remedial reading (Braille and print), problems of speech and their correction.

In the kindergarten and primary department every effort is made to orient the child to the world around him and to prepare the child to become a self-sufficient individual. Ability to travel alone, dress and feed himself, talk and listen well, read with understanding, use his leisure time intelligently and become well-coordinated physically is emphasized. This can best be done on an individual basis, so classes are small.

Core subjects such as reading, writing, arithmetic, English, social studies, science, health and physical education are taught in all grades. Since typewriting is of great value to the visually handicapped, pupils are introduced to it in the sixth grade.

As a child progresses he is taught to do work with his hands, mind and body as his friends about him do in a general succession of experiences. He learns through dramatization, stories, music, rhythmic games, plays and field trips.

Four years of English, three years of mathematics, American history, constitution, sociology, general science, biology, vocations, occupations, two years of speech, three years of typing, dictaphone, home economics, business, industrial arts, music and physical education are some of the subjects offered to high school students. In high school, as well as in the grades, special aids such as Braille maps, the Braille writer, the talking book, the radio and numerous other devices are used as essential learning tools. A pupil may take a course directed toward college entrance or specialize in music and industrial arts. A guidance program geared to the individual needs of each pupil helps him to make a schedule which will best fit his needs.

LIBRARY

A good library is fundamental to good learning. Unlimited contact with the best books is of primary importance in all schools. Although not all books in print are available either in Braille or large type, the Iowa Braille and Sight Saving School's library is stocked with almost every book embossed and printed by the American Printing House for the Blind. Such helpful publications as "The Reader's Digest," "Weekly News" and "Current Events" are Brailled and can be found in the school library.

Many talking books—record players with turntable speed of 33 1/3 r.p.m.—are used in all departments of the school. Carefully selected books in the field of fiction, history, biography, travel, science, psychology, drama, poetry, etc., have been recorded. Some of the best reading voices in the United States have been used to make these records. Occasionally an author with a good voice will record his book or, at least, read the introduction. These records are effective classroom aids and provide many hours of relaxation.

Books and supplementary educational materials have long been available on a quota basis from the American Printing House for the Blind, Louisville, Kentucky. Increased costs plus the need for and availability of modern supplementary aids has made it impossible for schools for the visually handicapped to adequately provide for their needs with the Federal funds granted the American Printing House each year.

MUSIC

Music plays an important role vocationally and avocationally in the life of students and graduates. Every pupil, therefore, is given the opportunity to develop his musical talents and to gain an appreciation for music. Beginning in the early grades all pupils learn to sing. Piano is introduced at the third or fourth grade level. Thereafter, all who demonstrate definite talent in any field of music—piano, instrumental or vocal—are given private lessons. During the past two years talented pianists, vocalists, violinists and instrumentalists have received highest ratings at state high school music contests.

The School has had an excellent chorus these past two years. For four consecutive years it has received a Superior rating in the finals of the State High School Music Association contest. The newly-organized band received a Superior rating in the same contest.

All of the musical groups and soloists appear in regularly scheduled school and departmental recitals. These talented young people are often called upon to present programs for various groups.

HOME AND INDUSTRIAL ARTS

The industrial department gives training in woodworking, chair caning, mat- and brush-making, basketry, weaving and tuning. Four years of piano tuning and repairing prepares a student for further factory training or to go out on his own as a capable tuner. During the last biennium the shops were relocated and many needed power tools were added. Metalworking was added in 1952 and is now an important part of the industrial arts program.

During the summer of 1950 the kitchen of the home economics department was completely renovated. Three new units were installed each of which included a new refrigerator, electric or gas stove, cupboards, counters and cabinets.

Sewing is an important part of home arts. All girls are taught to iron, repair and alter their clothes, to make new garments and wisely select materials.

DORMITORY LIFE

With the completion of a new boys' dormitory all students are now in cottages especially designed for residential school living. Under

the supervision of carefully selected houseparents, pupils live in an atmosphere conducive to home-like living. Here children learn to live together, to care for their clothes and rooms, and to be good citizens.

HEALTH

Every student enrolled in the Iowa Braille and Sight Saving School participates in and benefits from an extensive health education program which has for its objective the development and maintenance of "a sound mind and sound body." Under the direction of well-trained teachers, the physical education department carries on a program of interscholastic and intramural sports. The wrestling teams compete with boys of other schools in Iowa, while the boys' and girls' track teams enter national telegraphic meets and dual meets each spring. Kickball, ground baseball and touch football are sports included in the intramural schedule. Supervised swimming in the pool and roller skating on the large outside cement oval are favorite pastimes with the students.

Special attention is given in gymnasium classes to those students requiring remedial and corrective exercises. Much emphasis is placed on correct posture—standing, walking and sitting habits. The good health of students is further guaranteed by the school through its maintenance of a well-equipped hospital which has an eighteen-bed capacity. Each student is given a complete examination at the school hospital at the beginning of each school year.

A registered nurse is in constant attendance at the school, administering treatments for the eye or other physical ailments, caring for ill students or attending to other hospital duties.

A regularly employed physician makes daily calls at the school to examine students who are sick or indisposed, to perform the usual medical services, to give advice with reference to the need of a specialist's services, to recommend helpful treatment or to vaccinate for prevention of disease.

A dentist is employed who gives two mornings each week to the task of caring for the teeth of the students and attending to their dental needs. A complete dental office is maintained at the school.

The services of the University of Iowa Medical School and Hospital are available. All cases needing surgical treatment, refractions for the purpose of fitting glasses and cases of serious illness needing the skill of specialists are cared for at the University Hospitals. All of this service is without cost to the Iowa Braille and Sight Saving School and is very valuable.

Twice during each school year an ophthalmologist of the University Hospitals, accompanied by two or three internes, makes a visit to the school. At the time of these visits all of the students assemble for eye examinations. From the findings of these examinations the ophthalmologist makes recommendations concerning those needing daily or frequent treatment, those who might be benefited by surgical means and those whose vision might be improved by the fitting of glasses. If the recommendations of the ophthalmologist involve surgery, they are referred to the parents. If the parents give their consent, those concerned are sent to the University Hospitals for surgery.

PHYSICAL EDUCATION AND SPORTS

Every boy and girl, unless excused for medical reasons, is required to take one hour of physical education each day. The usual schedule is for three hours of general physical education and two hours of swimming each week. Everything from corrective exercises and rhythms to square dancing and social dancing is taught.

A new program of intramural contests was introduced in 1953. This enabled everyone to be a member of a team in a league. The boys and girls are enthusiastic over this opportunity to compete.

The Iowa Braille and Sight Saving School is a member of the Midwestern Activities Association of Schools for the Blind, which is comprised of twelve Midwestern residential schools. It sponsors an annual wrestling tournament and a track meet. The 1954 tournament was held in Vinton.

Wrestling is the major varsity sport, and the Iowa Braille and Sight Saving School competes with high schools in the area under the auspices of the Iowa High School Athletic Association, in addition to schools for the blind.

RELIGION

All of the churches of Vinton do everything possible to make our boys and girls welcome. They provide transportation to and from church and encourage participation in youth activities.

PRE-SCHOOL INSTITUTE

Each year during Commencement week a pre-school institute for parents and their visually handicapped babies is held at the school. The purposes of this institute are to provide parents with helpful information on the care and training of their children, to give them an opportunity to share and exchange ideas and to permit parents to observe the school while it is in session.

IOWA BRAILLE AND SIGHT SAVING SCHOOL
ENROLLMENT STATISTICS
1952-1954
D. W. Overbeay, Superintendent

	Year 1952-1953			Year 1953-1954		
	Males	Females	Total	Males	Females	Total
Students enrolled under seven years of age	14	4	18	10	1	11
Students enrolled seven to sixteen years of age	67	49	116	78	48	126
Students enrolled over sixteen years of age	18	10	28	12	11	23
Total Enrollment	99	63	162	100	60	160
Students with 20/200 vision or less	84	50	134	75	46	121
Students with 20/200 to 20/70 vision	15	13	28	25	14	39
Total Enrollment	99	63	162	100	60	160
Number graduated	7	3	10	1	5	6
Number died during year	0	0	0	0	0	0
Number days school convened			177			176

IOWA BRAILLE AND SIGHT SAVING SCHOOL ENROLLMENT BY COUNTIES

County	Year 1952-1953	Year 1953-1954
Appanoose	1	0
Audubon	1	1
Benton	11	9
Blackhawk	14	13
Boone	2	2
Buchanan	1	3
Buena Vista	2	1
Butler	2	2
Calhoun	1	1
Carroll	2	2
Cass	5	4
Cedar	1	1
Cerro Gordo	5	3
Cherokee	1	1
Clinton	4	3
Dallas	1	1
Delaware	2	3
Des Moines	1	1
Dubuque	4	3
Emmet	3	4
Fayette	2	1
Floyd	2	2
Franklin	1	2
Fremont	1	1
Grundy	1	1
Hancock	0	1
Hardin	2	2
Henry	2	2
Howard	2	2
Humboldt	0	1
Jackson	1	0
Jasper	1	0
Jefferson	2	1
Johnson	4	3
Kossuth	1	1
Lee	2	1
Linn	9	11
Madison	2	2
Mahaska	2	2
Marion	5	6
Marshall	1	2
Mitchell	1	1
Montgomery	1	1
Muscatine	5	4
Pocahontas	2	3
Polk	12	18
Pottawattamie	2	1
Scott	2	3
Sioux	2	0
Story	4	3
Tama	2	2
Union	2	1
Van Buren	0	1
Wapello	3	3
Washington	0	1
Wayne	2	2
Webster	5	4
Winneshiek	3	3
Woodbury	7	7

IOWA BRAILLE AND SIGHT SAVING SCHOOL
DENTAL REPORT
1952-1953

Students Examined	162
Students Needing Treatment	80
Cases Completed	63
Cases Not Completed	17
of these 2 were referred to University Hospitals	
6 refused treatment	
9 needed cleaning only	
Fillings Placed	196
Extractions	14
X-ray Examinations	10
Other Operations and Treatments	78
Total	298

1953-1954

Students Examined	159
Students Needing Treatment	74
Cases Completed	56
Cases Not Completed	18
of these 3 were referred to Oral Surgery and Orthodontia at University College of Dentistry	
1 was dropped	
1 was treated by home dentist	
3 refused treatment	
10 needed cleaning only	
Fillings Placed	142
Extractions	23
Other Operations and Treatments	67
Total	232

E. H. Dowden, D.D.S.

IOWA BRAILLE AND SIGHT SAVING SCHOOL HOSPITAL REPORT

1952-1953

Hospital Admissions		215
Days Illness		1,021
(this includes 45 days illness cared for in dormitories)		
Daily Average Inspections and Treatments		4
Physical Examinations		162
Urinalyses		180
Hemoglobin Tests		162
Wassermann Tests		46
Immunizations		
Boosters to Diphtheria and Tetanus		32
Boosters to Tetanus		80
Broken Bones		1
X-rays		8
Contagions		23
Measles	17	
Mumps	5	
Chicken Pox	1	
University Hospital Appointments		
Eye Department		48
Orthopedics (re-call)		8
Pediatrics (re-call)		6
Otology (re-call)		5
Oral Surgery		2
Gynecology		1
Surgery		1

1953-1954

Hospital Admissions		262
Days Illness		905
Daily Average Inspections and Treatments		3
Physical Examinations		166
Urinalyses		166
Hemoglobin Tests		166
Wasserman Tests		42
Immunizations		
Boosters to Diphtheria and Tetanus		114
Small Pox Vaccinations		96
Broken Bones		1
Dislocations		1
X-rays		6
Contagions		8
Measles	5	
Chicken Pox	2	
Whooping Cough	1	
University Hospital Appointments		
Eye Department		79
Surgery	4	
Cataract	3	
Corneal Transplant	1	
Dermatology (20 appointments for one child)		23
Oral Surgery		4
Orthopedics		2
Otology (same child tonsillectomy)		2
Pediatrics		2
Gynecology (re-call)		1
Medicine		1
College of Dentistry Appointments		4

L. W. Koontz, M.D.

Dr. P. J. Leinfelder, University Hospital ophthalmologist, examines the students' eyes twice during each year.

IOWA BRAILLE AND SIGHT SAVING SCHOOL
Vinton, Iowa
RECEIPTS AND DISBURSEMENTS
For the Year Ending June 30, 1953
RECEIPTS AND BALANCES

Salaries, Support and Maintenance Fund	
Balance July 1, 1952	$ 30,919.69
Appropriations	228,083.29
Refunds from Counties for Clothing and Transportation	418.99
Other Cash Receipts	9,374.45
Repairs, Replacements, Alterations and Equipment Fund	
Balance July 1, 1952	3,647.54
Appropriations	10,000.00
Refunds	3.15
	$282,447.11

DISBURSEMENTS AND BALANCES

Salaries, Support and Maintenance Fund		
Administrative	$ 16,637.85	
Educational	73,439.70	
Medical	7,969.56	
Dietary	53,961.91	
Buildings and Grounds	76,756.49	
Housekeeping and Laundry	37,390.07	
Farm	1,829.26	4,459.12
Repairs, Replacements, Alterations and Equipment Fund	10,002.67	.48
	$277,987.51	$ 4,459.60
	4,459.60	
	$282,447.11	

RECEIPTS AND DISBURSEMENTS
For the Year Ending June 30, 1954
RECEIPTS AND BALANCES

Salaries, Support and Maintenance Fund	
Balance July 1, 1953	None
Appropriations	$303,200.00
Refunds from Counties for Clothing and Transportation	236.33
Other Cash Receipts	1,884.30
Repairs, Replacements, Alterations and Equipment Fund	
Balance July 1, 1953	None
Appropriations	20,500.00
Refunds	308.92
	$326,129.55

DISBURSEMENTS AND BALANCES

Salaries, Support and Maintenance Fund		
Administrative	$ 20,125.58	
Educational	88,664.47	
Medical	9,250.18	
Dietary	42,382.90	
Buildings and Grounds	71,117.44	
Housekeeping and Laundry	47,867.50	
Contingencies	193.25	25,719.31
Repairs, Replacements, Alterations and Equipment Fund	17,684.75	3,124.17
	$297,286.07	$ 28,843.48
	28,843.48	
	$326,129.55	

IOWA BRAILLE AND SIGHT SAVING SCHOOL
Vinton, Iowa

Report of the Treasurer, L. L. Berry Regarding Receipts and Disbursements of All Funds from July 1, 1952 to June 30, 1953

FUNDS	Balances July 1, 1952	Receipts	Disbursements	Balances June 30, 1953
Salaries, Support and Maintenance	$ 30,919.69	$237,876.73	$268,796.42	
Repairs, Replacements, Alterations and Equipment	3,647.54	10,003.15	13,650.69	
Tax Refund Account	3,079.13			$ 3,079.13
	$ 37,646.36	$247,879.88	$282,447.11	$ 3,079.13
Boys' Dormitory Furniture and Fixtures	$ 454.45		$ 454.45*	
Repairs to Roads and Driveways		$ 2,500.00	2,439.00	$ 61.00
Power Plant Boiler, etc.		35,000.00	12,447.06	22,552.94
	$ 454.45	$ 37,500.00	$ 15,340.51	$ 22,613.94

* Includes $13.58 reverted to State Comptroller.

Report of the Treasurer, L. L. Berry Regarding Receipts and Disbursements of All Funds from July 1, 1953 to June 30, 1954

FUNDS	Balances July 1, 1953	Receipts	Disbursements	Balances June 30, 1954
Salaries, Support and Maintenance		$305,320.63	$279,601.32	$ 25,719.31
Repairs, Replacements, Alterations and Equipment		20,808.92	17,684.75	3,124.17
		$326,129.55	$297,286.07	$ 28,843.48
Repairs to Roads and Driveways	$ 61.00	$ 11,451.62	$ 11,476.00	$ 36.62
Power Plant Boiler	22,552.94	19,260.93	36,456.03	5,357.84
Superintendent's Home and Furniture			58.60	58.60–
Steam Distr. Header		9,640.00	6,713.82	2,926.18
Tax Refund Account	3,079.13	9.04	2,999.12	89.05
	$ 25,693.07	$ 40,361.59	$ 57,703.57	$ 8,351.09

IOWA BRAILLE AND SIGHT SAVING SCHOOL
Vinton, Iowa
NUMBER AND CLASSIFICATION OF EMPLOYEES

	1952-1953		1953-1954	
	Part Time	Full Time	Part Time	Full Time
Superintendent	0	1	0	1
Secretary-Treasurer	2*	0	0	1
Secretary to Superintendent	0	1	2*	0
Clerk-Typist	2*	0	0	1
Principal	0	1	0	1
Secretary to Principal	0	1	0	1
Teachers	3*	23	3*	23
Houseparents	3	10	4*	11
Physician	1	0	1	0
Dentist	1	0	1	0
Ophthalmologist	1	0	1	0
Nurse	0	1	0	1
Hospital Maid	1	1	1	1
Housekeeper	1	1	1	1
Dining Room Maids	3†	5	0	6
Kitchen, Bake Shop	2*	4	0	5
Laundry	2	4	1	5
Custodians and Hall Maids	3*	5	1	6
Buildings and Grounds	2*	8	1	9
Total Employees	27	66	17	73

* Two employees filled one full-time position, each for a portion of the year.
† Three employees filled one full-time position, each for a portion of the year.

INVENTORY

	1952-1953	1953-1954
Lands (55.5 acres)	$ 21,456.85	$ 21,456.85
Buildings	1,010,386.56	1,014,615.85
Other Property, Including Furniture and Equipment	277,862.14	301,299.89
Supplies	20,562.12	16,737.48
Total Inventory	$1,330,267.67	$1,353,746.07

INVESTMENTS AND TRUST FUNDS
June 30, 1954

Name of Fund	Invested In	Amount	Uninvested	Total
Allbright-Ball Memorial Fund	U. S. Savings Bonds	$ 1,100.00	$ 147.00	$ 1,247.00
Chas. Apitz Fund	U. S. Savings Bonds	100.00	871.87	971.87
Alice M. Bickley Memorial	U. S. Savings Bonds	200.00	154.09	354.09
Myrtle Gibson Fund	U. S. Savings Bonds	500.00	77.84	577.84
Lucy A. Hempstead Fund	U. S. Savings Bonds	1,200.00	372.14	1,572.14
Mary Kaiser Endowment Fund			81.47	81.47
Bianca E. Reel Fund			342.88	342.88
Elizabeth Richart Fund			171.63	171.63
I. W. Scott Employment Fund	U. S. Savings Bonds	500.00	190.06	690.06
Chas. A. Wildy Memorial Fund	U. S. Savings Bonds	2,500.00	785.65	3,285.65
Student Work Fund	U. S. Savings Bonds	2,500.00	833.59	3,333.59
Luella E. Cottrell Fund			400.00	400.00
SEMI-RESTRICTED TRUST FUNDS				
Typewriter Fund			639.62	639.62
4-H Club Fund			613.01	613.01
Bianca E. Reel Book Fund			11.71	11.71
Legion Wrestling Fund			1.83	1.83
Student Aid Fund			365.55	365.55
Garden and Herb Fund			12.08	12.08
School Journal Fund			80.25	80.25
Employees' and State Retirement Fund			5.05	5.05
Totals		$ 8,600.00	$ 6,157.32	$14,757.32

IOWA BRAILLE AND SIGHT SAVING SCHOOL

ENROLLMENT

1924-1925	124
1925-1926	135
1926-1927	136
1927-1928	144
1928-1929	142
1929-1930	140
1930-1931	153
1931-1932	160
1932-1933	173
1933-1934	179
1934-1935	182
1935-1936	189
1936-1937	193
1937-1938	190
1938-1939	197
1939-1940	176
1940-1941	170
1941-1942	164
1942-1943	150
1943-1944	154
1944-1945	150
1945-1946	146
1946-1947	157
1947-1948	147
1948-1949	144
1949-1950	160
1950-1951	155
1951-1952	144
1952-1953	162
1953-1954	160

ATTENDANCE

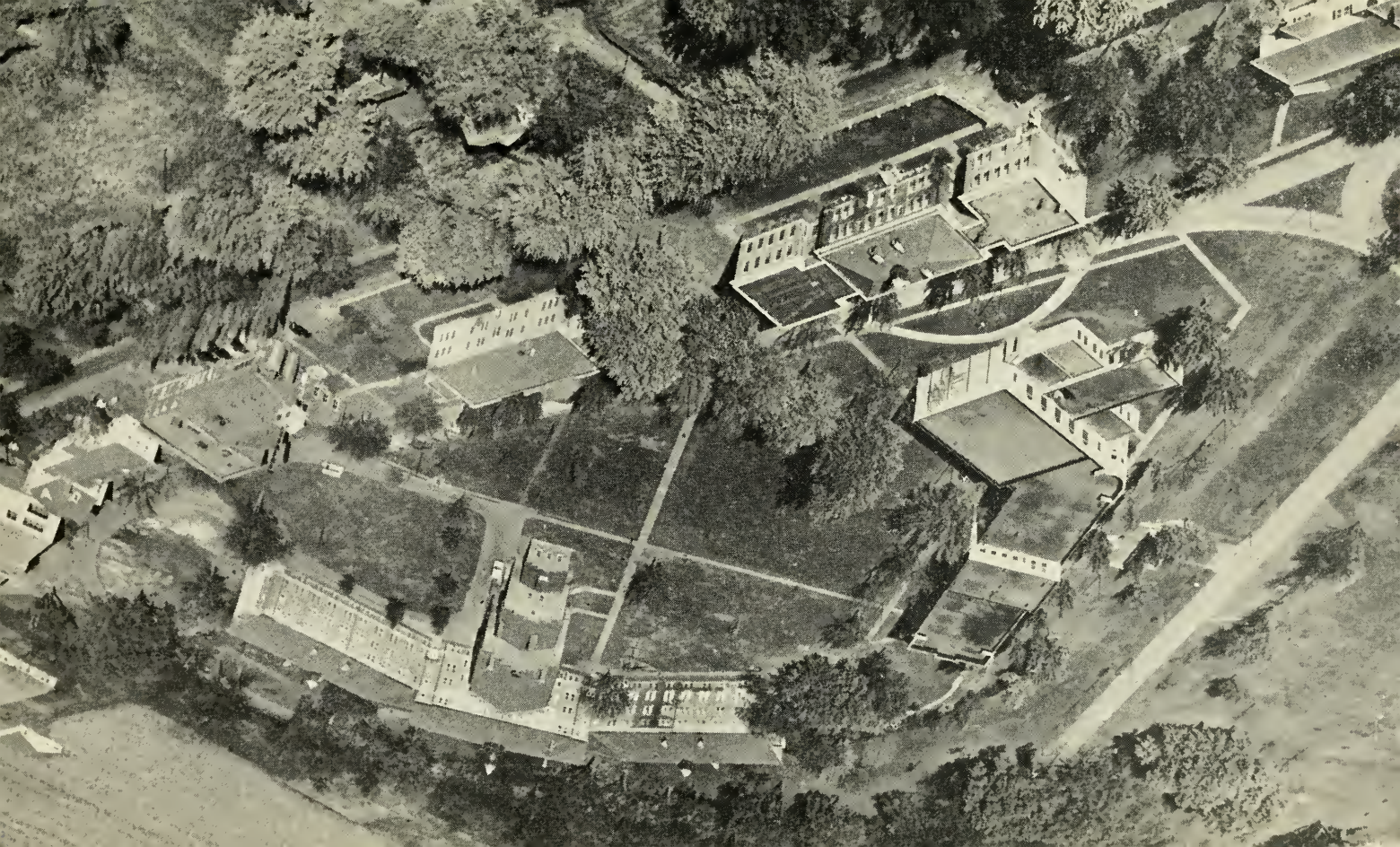
November 1, 1918	98
November 1, 1920	99
November 1, 1922	107
November 1, 1924	119
November 1, 1926	130
November 1, 1928	131
November 1, 1930	144
November 1, 1932	167
November 1, 1934	181
November 1, 1936	186
November 1, 1938	185
November 1, 1940	160
November 1, 1942	149
November 1, 1943	146
November 1, 1944	144
November 1, 1945	142
November 1, 1946	148
November 1, 1947	145
November 1, 1948	141
November 1, 1949	140
November 1, 1950	147
November 1, 1951	141
November 1, 1952	156
November 1, 1953	150

Iowa School for the Deaf

Council Bluffs

Biennial Report

Period Ending June 30, 1954



Iowa School for the Deaf

Report of Lloyd E. Berg, Superintendent

THE OBJECT OF THE IOWA SCHOOL FOR THE DEAF

LLOYD E. BERG

This objective pre-supposes that the child's education shall be as individual in character as the school is reasonably able to afford. This means that each child, entrusted to the care of the school, shall receive training suitable to and commensurate with his capabilities.

It is well to re-emphasize, from time to time, the objective toward which the school organization is working.

The object of the Iowa School for the Deaf is to promote a thorough education for children between the ages of five and nineteen who are too deaf to be properly instructed in the public schools of the state.

The final test of the school's effectiveness shall be found in how well the child assumes responsibilities of citizenship that are rightfully his. Specifically, the object is:

1. To develop boys and girls who are self-supporting.
2. To teach boys and girls how to conduct a successful home life.
3. To teach boys and girls fundamental skills involved in normal living.
4. To teach an intelligent use of leisure time.
5. To teach social concepts consistent with good citizenship.
6. To produce boys and girls healthy in mind, body and spirit.
7. To provide opportunities for qualified pupils to obtain a higher education.

HISTORY

The Iowa School for the Deaf was founded in 1855 and was first located at Iowa City and then moved to Council Bluffs in 1870. In 1902, fire completely destroyed the main building, which housed the executive quarters and dormitories for pupils. A substantial fireproof structure now stands in its place, where sufficient room is provided for 375 pupils. The school represents a capital investment for the State of $1,179,510.24 and occupies 200 acres, with twelve fine buildings and beautiful grounds. There is a separate building to accommodate ninety of the youngest pupils. The school affords an education for the children of the state, too deaf to make proper progress in the hearing school. The entrance age is five and students are required to remain in school until nineteen years of age, unless excused for good cause.

PRIMARY HALL

Small children, upon first entering the school, are housed in the Primary Hall unit, where they are surrounded with an oral atmosphere. Instruction is continued orally for three years, until the oral habit is well founded, if the pupil is amenable to this habit.

The physical needs of these children are cared for down to the smallest detail by a corps of selected counselors under the direction of a competent housemother. Their schoolroom training is given by a staff of special teachers directed by a principal.

By the careful development of this unit, the school was able to reduce the average entrance age from fourteen years in 1921 to between six and seven years. Records are on file of a number of deaf children of pre-school age, with whom the State Field Worker is able to make contact, advise parents, and in general aid in the preparation for school so essential to the conservation of time during the formative years.

The work in Primary Hall covers elementary instruction largely in speech and language so that on entering the school proper the children are able to take first grade work or better, of the public school.

AURICULAR TESTS AND TRAINING

The hearing of each pupil is carefully tested with a pure tone audiometer soon after entrance and frequently thereafter. If the percentage of residual hearing revealed by the tests is enough to encourage efforts to develop that hearing, provision is made to do so through the use of group and individual hearing aids. The school now has sixteen complete units of twelve outlets each. The cost of these instruments is high, but every effort is being made to provide enough units to take care of all the pupils who have usable hearing. About one hundred parents have provided their children with individual hearing aids. The school employs a clinical audiologist.

A trained pianist comes to the school daily to help conduct the rhythm exercises for the younger pupils. It is believed that these rhythm exercises assist the deaf child to acquire more flexibility in his speech.

ACADEMIC DEPARTMENT

The instruction throughout the academic department is given orally and in writing for those pupils able to profit by oral methods. Experience indicates some pupils need the use of finger spelling to make reasonable progress and a few manual alphabet classes are provided as required.

The course of study includes a systematic development of mathematics, language, social and natural sciences, composition, reading and speech and speech reading. This course of study comprises a total of thirteen years, three of which are spent in preparatory work. A diploma is awarded to those pupils who have fulfilled the requirements of the school course of study. This embraces a full elementary and secondary training with considerable emphasis on industrial arts training.

Special opportunities are provided for all boys and girls in the form of supervised play. This is in addition to the regular athletic program. Thus considerable interest is developed in such activities as volley ball, soft ball, table tennis and bowling, and the like.

Frequently, various members of the faculty sponsor assembly programs for the pupils. These programs are educational in nature, designed to be informative, and to develop character traits. Movies, both of an educational and entertainment nature, are held from time to time. Films are available for classroom use by those teachers requesting them.

VOCATIONAL TRAINING

Rounding out its program of training the deaf for active citizenship, the Iowa School offers extended facilities for developing the aptitudes of both boys and girls in some of the occupations most suited to them which is under the direction of an experienced principal. The school aims to train in workmanlike habits, in character, and in appreciation of good workmanship. The instruction is shaped to lay a good foundation in the fundamentals of a particular trade or occupation.

In this department, as in the academic department, credits are given for acceptable performance, or withheld if the students performance does not come up to the requirements. Thus the vocational training credits definitely are required for graduation from the school.

Valuable practice for the pupils is obtained in caring for the needs of the school community. The baking classes make all the bread, cake and pastries served. The shoe repairing classes attend to the mending of the pupils' shoes. The book bindery classes repair and rebuild both text and library books. This class co-operates with the printing class in making up the school catalogue.

In the printery, three linotypes are provided for instructional purposes, and the older pupils become proficient in their operation. A complete outfit of miscellaneous equipment and a variety of presses are provided, including a self-feeding unit.

The advanced classes in cabinet-making do remarkably fine work, turning out excellent furniture which is in use all over the school. The upholstering classes also contribute many fine pieces for use in the parlors and offices.

A course in general shop instructs the pupils, both girls and boys in the operation involved in leathercraft, woodworking and metal work. This is an introductory course.

A modification of the advanced course permits students not desiring to prepare themselves for college to take extra vocational training, and in some cases full time work in this department.

The general policy of the school is to give every girl basic training in the art of homemaking, in its various branches. If possible, training in some bread-winning occupation is also given to each girl.

A careful check is made of each pupil's development in this department, on the basis of such qualities as speed, accuracy, self-reliance, industry, thrift, dependability, punctuality, co-operation, courtesy and neatness. The grading system is based upon the pupil's development of these qualities so essential to character. Therefore, vocational training in this school means considerably more than the development of skilled hands.

MORAL INSTRUCTION

Moral and religious training is provided, of a general character acceptable to all churches and creeds. Sunday School is held every Sunday morning in graded classes conducted by the regular teachers. At times, assemblies are held, when some member of the faculty gives a talk intended to strengthen character. Whenever parents request it, pupils are allowed to attend churches named by the parents in the city. Ministers of the various denominations are welcomed to conduct special services at the school for their special groups. Visiting ministers frequently are invited to address all the pupils in the main auditorium.

THE SOCIAL LIFE OF THE COMMUNITY

Pupils enjoy a varied social life such as might be expected in any large boarding school. General parties attended by pupils and teachers, directed by faculty committees, are held on all special occasions and holidays. Smaller groups have frequent socials. A number of clubs and activity groups hold frequent meetings. These occasions supply the opportunity to teach manners and social customs.

Picnics and trips to nearby places of interest, theater parties and class trips of an educational nature are frequently arranged. Winter sports are a popular diversion. Extensive playgrounds enable the boys and girls to be out of doors for healthful games and pastimes during the fall and spring months.

TRAINING FOR THE DEAF BLIND

In 1949 a department was established for the education and training of four deaf-blind children in Iowa with a Principal and a teacher. The objectives of this important work are:

1. To train the children to be socially acceptable.

2. To facilitate their communication with others.

3. To prepare them to be at least partially self-supporting on completion of their education.

During the year 1953-54 their enrollment consisted of thirteen pupils (six Iowa and seven out of state pupils) with a principal and six teachers.

ENROLLMENT STATISTICS

	For the Year Ending June 30, 1953			For the Year Ending June 30, 1954		
	Male	Female	Total	Male	Female	Total
Pupils Continuing Enrollment at Opening of School Year	174	135	309	178	129	307
New Pupils Enrolled during the School Year	10	10	20	17	12	29
Total Pupils Enrolled for the School Year	184	145	329	195	141	336
Pupils leaving before the close of the School Year	2	5	7	6	6	12
Pupils in School at close of the School Year	182	140	322	189	135	324
Pupils that died during School Year	0	0	0	0	0	0
Pupils Graduating at the Close of the School Year	3	7	10	4	5	9
Average Daily Attendance	..	..	316	..	.	317

AGE OF NEW PUPILS ADMITTED

	For Year Ending June 30, 1953			For Year Ending June 30, 1954			For Biennium Ending June 30, 1954		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Age 5	2	6	8	3	2	5	5	8	13
Age 6	3	1	4	3	1	4	6	2	8
Age 7	1	0	1	5	1	6	6	1	7
Age 8	1	0	1	2	0	2	3	0	3
Age 9	1	2	3	0	4	4	1	6	7
From 10 to 15	1	1	2	3	4	7	4	5	9
From 16 to 20	1	0	1	1	0	1	2	0	2
Total	10	10	20	17	12	29	27	22	49

PROABLE CAUSE OF DEAFNESS OF NEW PUPILS AND AGE WHEN DEAFNESS OCCURRED
For the Biennium Ending June 30, 1954

	Under 6 Years				6 Years and under 12				12 Years and under 18				18 Years and over				Total Biennuim ending June 30, 1954		
	1953		1954		1953		1954		1953		1954		1953		1954				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
Congenital	1	1	1	1	3		3	3							1	2	9	7	16
Diseases:																			
Measles		1			1			1									1	2	3
Diseases of the Nervous System:																			
Lack of Nerve development																			
Spinal Meningitis	1	1					1								2		4	1	5
Tubercular																			
Diseases of the Respiratory System:																			
Pneumonia						1		1									0	2	2
Miscellaneous:																			
Ear Infections																			
Throat Infections																			
Rhubella Baby			1			2	2		1								4	2	6
Scarlet Fever		1														1	0	2	2
Influenza																			
Mastoid													1				1	0	1
Accidental					1												1	0	1
Unknown		2	1	1	1		4	1		1					1	1	7	6	13
Total	2	6	3	2	6	3	10	6	1	1	0	0	1	0	4	4	27	22	49

RESIDENCE OF PUPILS BY COUNTIES

During Biennium that Ended June 30, 1954

	For the Year Ending June 30, 1953	For the Year Ending June 30, 1954
Adair	2	2
Adams	2	2
Allamakee	2	2
Appanoose	2	2
Audubon	0	0
Benton	2	2
Blackhawk	17	18
Boone	4	3
Bremer	2	2
Buchanan	1	1
Buena Vista	1	1
Butler	3	3
Calhoun	1	1
Carroll	5	5
Cass	2	2
Cedar	0	0
Cerro Gordo	4	4
Cherokee	0	0
Chickasaw	0	0
Clarke	0	0
Clay	4	4
Clayton	0	0
Clinton	8	9
Crawford	2	3
Dallas	2	2
Davis	0	0
Decatur	1	1
Delaware	2	2
Des Moines	7	6
Dickinson	1	1
Dubuque	4	3
Emmet	2	2
Fayette	3	3
Floyd	1	1
Franklin	0	0
Fremont	2	2
Greene	1	1
Grundy	2	2
Guthrie	5	5
Hamilton	4	4
Hancock	3	3
Hardin	1	2
Harrison	2	3
Henry	1	1
Howard	1	2
Humboldt	1	1
Ida	0	0
Iowa	0	0
Jackson	2	2
Jasper	7	7
Jefferson	1	0
Johnson	2	1
Jones	2	2
Keokuk	2	2
Kossuth	4	3
Lee	3	3
Linn	17	16
Louisa	1	1
Lucas	3	2
Lyon	1	1
Madison	1	1
Mahaska	5	5
Marion	5	5
Marshall	1	1
Mills	4	4
Mitchell	2	2
Monona	5	4
Monroe	4	4
Montgomery	4	4
Muscatine	2	3
O'Brien	2	2
Osceola	0	0

RESIDENCE OF PUPILS BY COUNTIES—Continued

	For the Year Ending June 30, 1953	For the Year Ending June 30, 1954
Page	5	6
Palo Alto	2	3
Plymouth	0	0
Pocahontas	3	4
Polk	29	27
Pottawattamie	32	32
Poweshiek	5	4
Ringgold	2	2
Sac	1	1
Scott	7	8
Shelby	1	1
Sioux	3	3
Story	9	9
Tama	4	4
Taylor	0	0
Union	1	1
Van Buren	1	1
Wapello	8	8
Warren	0	0
Washington	4	5
Wayne	1	1
Webster	5	5
Winnebago	1	3
Winneshiek	1	1
Woodbury	9	10
Worth	1	1
Wright	1	1
Total	329	336

RESIDENCE OF OUT OF STATE PUPILS

	1952-53	1953-54
Illinois	2	2
Florida	0	1
Washington, D. C.	0	1
New York	1	1
Pennsylvania	0	1
Wyoming	0	1

(Above number of pupils included in total enrollment)

SUMMARY OF RECEIPTS AND DISBURSEMENTS
For Biennium Ending June 30, 1954
RECEIPTS

	Year Ending June 30, 1953	Year Ending June 30, 1954	Biennium Ending June 30, 1954
SUPPORT FUNDS			
Balance July 1	$ 52,711.28	$ 22,903.44	$ 52,711.28
Revolving Fund	3,500.00	1,000.00	3,500.00
Deaf Blind Fund		1,786.84	
Total	$ 56,211.28	$ 25,690.28	$ 56,211.28
Receipts			
Appropriations	$ 415,300.00	$ 502,691.00	$ 917,991.00
Sales and Collections	6,723.57	8,733.47	15,457.04
Pupils Accounts Receivable	10,425.73	11,193.53	21,619.26
Out State Tuition		19,800.00	19,800.00
Refund of Expense	4,197.10		4,197.10
Accounts Receivable General		208.90	208.90
Total	$ 436,646.40	$ 542,636.90	$ 979,273.30
R. R. A. & E. FUNDS			
Balance July 1	$ 6,971.84		$ 6,971.84
Appropriations	10,000.00	15,500.00	25,500.00
Total	$ 16,971.84	$ 15,500.00	$ 32,471.84
SPECIAL REPAIR FUNDS			
Balance July 1	$ 2,137.80		$ 2,137.80
Appropriation			
Total	$ 2,137.80		$ 2,137.80
CAPITAL FUNDS			
Balance July 1	$ 10,482.08	$ 10,625.01	$ 10,482.08
Appropriations	34,000.00	11,346.38	45,346.38
Total	$ 44,482.08	$ 21,971.39	$ 55,828.46
DEAF BLIND FUNDS			
Balance July 1	$ 924.25		$ 924.25
Appropriations	19,057.20		19,057.20
Total	$ 19,981.45		$ 19,981.45
TRUST FUNDS			
Balance July 1	$ 568.29	$ 2,447.43	$ 568.29
Receipts	4,907.52	7,192.67	12,100.19
Total	$ 5,475.81	$ 9,640.10	$ 12,668.48
TOTAL BALANCES	$ 77,295.54	$ 38,762.72	$ 77,295.54
TOTAL RECEIPTS	504,611.12	576,665.95	1,081,277.07
TOTAL BALANCE AND RECEIPTS	$ 581,906.66	$ 615,428.67	$1,158,572.61

SUMMARY OF RECEIPTS AND DISBURSEMENTS
For Biennium Ending June 30, 1954
DISBURSEMENTS

	Year Ending June 30, 1953	Year Ending June 30, 1954	Biennium Ending June 30, 1954
SUPPORT FUND			
Administration	$ 20,101.89	$ 18,868.92	$ 38,970.81
Academic	131,349.20	136,584.07	267,933.27
Vocational	33,108.81	32,665.17	65,773.98
Deaf Blind		30,689.79	30,689.79
Medical Service	14,553.06	11,722.53	26,275.59
Dietary	96,414.00	92,094.20	188,508.20
Housekeeping and Laundry	89,240.94	77,636.07	166,877.01
Building and Grounds	75,862.03	78,493.63	154,355.66
Pupils Accounts Receivable	8,133.41	10,963.59	19,097.00
Encumbered Balance		5,222.84	5,222.84
Reversion to State General Rev.		20,467.44	20,467.44
Refund of Misc. Income	190.90		190.90
Total	$ 468,954.24	$ 515,408.25	$ 984,362.49
R. R. A. & E. FUNDS			
Disbursements	$ 16,971.84	$ 8,016.59	$ 24,988.43
SPECIAL REPAIR FUND			
Disbursements	$ 1,535.44		$ 1,535.44
CAPITAL FUNDS			
Disbursements	$ 34,459.43	$ 11,301.18	$ 45,760.61
DEAF BLIND FUNDS			
Disbursements	$ 18,194.61		$ 18,194.61
TRUST FUNDS			
Disbursements	$ 3,028.38	$ 8,046.73	$ 11,075.11
Total Disbursements	$ 543,143.94	$ 542,772.75	$1,085,916.69
BALANCES JUNE 30th			
Support Fund	$ 23,903.44	$ 52,908.93	$ 52,908.93
R. R. A. & E. Fund		7,483.41	7,483.41
Special Repair Fund	602.36		
Capital Fund	10,022.65	10,670.21	10,670.21
Deaf Blind Fund	1,786.84		
Trust Fund	2,447.43	1,593.37	1,593.37
Total Balance	$ 38,762.72	$ 72,655.92	$ 72,655.92
Total Balance and Disbursements	$ 581,906.66	$ 615,428.67	$1,158,572.61

NUMBER AND CLASSIFICATION OF EMPLOYEES

	Average Number Full Time		Average Number Part Time Substitute and Extra		Average Total	
	1952-53	1953-54	1952-53	1953-54	1952-53	1953-54
Administrative	4	4			4	4
Academic	43	44	9	14	52	58
Vocational	8	8			8	8
Deaf Blind	5	13	2	7	7	20
Medical Service	5	5	2	2	7	7
Dietary	18	20	7	7	25	27
Housekeeping and Laundry	47	51	11	13	58	64
Building and Grounds	16	17	2	2	18	19

IOWA SCHOOL FOR THE DEAF
INVENTORY
June 30, 1954

Inventory of Shop Tools	$ 6,704.20
Inventory of Stores and Supplies	37,666.82
Land (184.75 acres)	36,933.75
Improvement Other Than Buildings	55,934.52
Buildings	1,016,108.07
Departmental Equipment	261,192.15
Total	$1,414,539.51

PHYSICIAN'S REPORT
Year 1952-1954

July 1, 1954

Mr. L. E. Berg, Supt.
Iowa School for the Deaf
Council Bluffs, Iowa
Dear Sir:

Herewith is the report of the Medical Department of the Iowa School for the Deaf for the school years beginning September, 1952 and ending May 30, 1954.

	1952-1953	1953-54
Total Enrollment	317	338
New students	21	32
Physical examinations	311	336
Pupils immunized:		
Small Pox	17	31
Diphtheria	17	34
Diphtheria Booster	6	6
Tetanus Antitoxin	3	3
Pupils taking prescriptions	10	10
Infirmary cases	2,484	
Average bed patients entered per day	10	6
Laboratory tests	7	5
X-rays	10	9
Cardiac Conditions	9	9
Nourishment (milk)	4	1
Nourishment (vitamins)	20	17
Ear Infection	26	32
City Hospital cases	8	0
Fractures and dislocations	5	1
Surgery Cases:		
Appendectomies	0	0
Tonsillectomies	5	0
Diabetic	1	1
Nephritis	1	0
Chronic Draining ears	1	3
Head lice	0	1
Special Examinations:		
Rash	14	13
Refractions	10	22
Routine ear, nose and throat	7	2
Diseases:		
Jaundice (Hepatitis)	5	1
Ringworm	19	26
Chickenpox	0	10
Pneumonia	2	0
Measles	10	1
Mumps	29	0
Boils, styes, etc.	51	65
Warts and Corns	30	25
Athletes Foot	40	77
Impetigo	7	15
Conjuctivitis	56	16
Acne	8	4
To Iowa City	11	13
Average In and Out patients per day	68	63
Number In and Out patients during year	17,055	15,146
Deaths	0	0

Respectfully submitted,
Dr. Gorden N. Best,
School Physician

DENTIST'S REPORT
IOWA SCHOOL FOR THE DEAF
1952-1954

July 1, 1954

Mr. L. E. Berg, superintendent
Iowa School for the Deaf
Council Bluffs, Iowa

Dear Sir:

The following is the report of the Dental Department of the Iowa School for the Deaf for the school years September, 1952 through June 30, 1954.

	1952-53	1953-54
Students examined	323	338
Prophylaxis	323	338
Permanent teeth extracted	13	15
Temporary teeth extracted	107	96
Temporary fillings	102	84
Permanent teeth filled	42	63
Partial plates		2
Crown	1	
Refused treatment	4	6
Partial plate repair		3

Respectfully submitted,

John W. Baird, D.D.S.

REPORT OF THE TREASURER
IOWA SCHOOL FOR THE DEAF
C. E. Geasland, Treas.

GENERAL FUND BALANCES ON HAND July 1, 1952			
Support Fund:			
Balance	$ 52,711.28		
Revolving Fund	3,500.00		
Total		$ 56,211.28	
R. R. A. & E. Fund		6,971.84	
Special Repair Fund		2,137.80	
Capital Fund		10,482.08	
Deaf Blind Fund		924.25	
Trust Fund		568.29	
Total Balances on Hand			$ 77,295.54
GENERAL FUND RECEIPTS July 1, 1952—			
June 30, 1954			
Support Fund			
Appropriations	$917,991.00		
Sales and Collections	15,457.04		
Pupils Accounts Receivable	21,619.26		
Out State Tuition	19,800.00		
Refund of Expense	4,197.10		
Accounts Receivable Genl.	208.90		
Total S. S. & M. Rec.		$979,273.30	
R. R. A. & E. Fund		$ 25,500.00	
Capital Fund		45,346.38	
Deaf Blind Funds		19,057.20	
Trust Funds		12,100.19	
Total General Fund Receipts			$1,081,277.07
GENERAL FUND TOTAL BALANCES AND RECEIPTS			$1,158,572.61
INVESTMENT OF TRUST FUNDS (In hands of State Treas.)			
Investments		$ 2,500.00	
Interest		249.75	
Total		$ 2,749.75	
GENERAL FUND DISBURSEMENTS July 1, 1952—June 30, 1954			
Support Fund			
Administration	$ 38,970.81		
Academic	267,933.27		
Vocational	65,773.98		
Deaf Blind	30,689.79		
Medical Service	26,275.59		
Dietary	188,508.20		
Housekeeping & Laundry	166,877.01		
Building and Grounds	154,355.66		
Pupils' Accounts Rec.	19,097.00		
Encumbered Balance	5,222.84		
Reversion to State General Rev.	20,467.44		
Refund of Misc. Income	190.90		
Total Support Fund		$984,362.49	
R. R. A. & E. Disbursements		24,988.43	
Special Repair Fund Disbursements		1,535.44	
Capital Fund Disbursements		45,760.61	
Deaf Blind Fund Disbursements		18,194.61	
Trust Fund Disbursements		11,075.11	
Total General Fund Disbursements			$1,085,916.69
GENERAL FUND BALANCES JUNE 30, 1954			
Support Fund		$ 52,908.93	
R. R. A. & E. Fund		7,483.41	
Special Repair Fund		.....	
Capital Fund		10,670.21	
Deaf Blind Fund		.....	
Trust Fund		1,593.37	
Total Balances			$ 72,655.92
TOTAL DISBURSEMENT & BALANCES			$1,158,572.61

IOWA SCHOOL FOR THE DEAF
ENROLLMENT

The following table shows the enrollment of students in the Iowa School for the Deaf for the years indicated:

1926-1927	309
1927-1928	321
1928-1929	321
1929-1930	343
1930-1931	348
1931-1932	373
1932-1933	391
1933-1934	393
1934-1935	390
1935-1936	392
1936-1937	396
1937-1938	385
1938-1939	350
1939-1940	349
1940-1941	358
1941-1942	345
1942-1943	326
1943-1944	324
1944-1945	301
1945-1946	312
1946-1947	306
1947-1948	308
1948-1949	308
1949-1950	337
1950-1951	362
1951-1952	355
1952-1953	329
1953-1954	336

ATTENDANCE

November 1, 1922	237
November 1, 1924	294
November 1, 1926	295
November 1, 1928	310
November 1, 1930	335
November 1, 1932	370
November 1, 1934	374
November 1, 1936	380
November 1, 1938	375
November 1, 1940	348
November 1, 1942	318
November 1, 1944	286
November 1, 1945	303
November 1, 1946	295
November 1, 1947	306
November 1, 1948	315
November 1, 1949	338
November 1, 1950	365
November 1, 1951	344
November 1, 1952	325
November 1, 1953	316

State Sanatorium

Oakdale

Biennial Report

Period Ending June 30, 1954

State Sanatorium

Report of W. M. SPEAR, M. D., Superintendent

W. M. SPEAR, M. D.

The State Sanatorium is located at Oakdale, six miles west of Iowa City, Iowa on rolling farm land consisting of 505.57 acres. From its opening in 1908 it was supervised by the State Board of Control until in 1947 when the 52nd General Assembly enacted a law to change its supervision to the State Board of Education.

BUILDINGS

During the past few months the second floor and basement of Surgical Wing have been completed. Occupancy by patients on the second floor is expected by early autumn. Functional moderization of the older buildings goes on from time to time. The last remaining porch for patients should be razed later this Fall. Only a few patients will be housed in the cottages "across the tracks." There has consistently been sufficient space to accommodate women patients. Earlier in the biennium it was necessary to maintain a waiting list for men.

STAFF

During the biennium one physician left to take a Veterans' Administration residency in California, one returned to his former practice in Texas, the pathologist had a reactivation of her disease and is on our roster of patients. The first two vacancies were filled.

There are five assistant physicians, a consultant in pathology, and a part-time dentist. A few employees have left to take their state employees' retirement pension. We regret the passing of our acting librarian, but we were able to replace him with a former high school teacher who had done her "graduated exercise chart" under his supervision.

We feel justly proud of our faithful and co-operative department heads and the great majority of their employees.

CARE OF PATIENTS

The Planigraphic equipment recently purchased is a great help in our x-ray work. This machine, which cost $2,500, detects tubercular cavities in the lungs which might never be detected by the standard x-ray equipment. The additional lives being saved through its use can never be evaluated in money.

The year 1954 marks the tenth anniversary of the discovery of streptomcyin—the first chemotherapeutic agent found to be effective against TB in humans.

Newer concepts of anti-microbial therapy include the use of a drug triad-streptomycin, para-aminosalicylic acid and isonicotine acid hydrazide in the acute as well as the more chronic states.

The number of new cases in United States has been declining slowly the past three years and there is a greatly lowered death rate from tuberculosis. At the same time more patients are under treatment than ever before in this country.

Most patients taking the new drugs gain weight, their fever subsides and they feel much better from taking them but their disease is far from cured. Some patients remain sputum-positive and must be isolated. Probably from 18 to 30 per cent of all hospitalized patients are admitted a second, even a third and fourth time for treatment.

The biennium has witnessed a step-up in tempo of activities, forward steps in treatment and surgical management. The sanatorium is being used more and more as a diagnostic center as evidenced by:—

1. There were 107 patients discharged with the classification "no clinical tuberculosis" in this last biennium. This was an increased percentage. Most of the above patients had some type of pulmonary disease.

2. The average length of stay was reduced, suggesting recovery enhancement by anti-microbial drugs and advanced chest surgical procedures.

3. Compared with the previous biennium when 394 patients admitted for treatment entered during the far advanced stages of their disease, 352 were admitted when far advanced in this biennium.

EDUCATION

Educational lectures were provided at the sanatorium for groups of nurses in training from Cedar Rapids, Iowa City, Burlington and Dubuque hospitals; for public health nurses from neighboring districts; for senior medical students from University of Iowa college of medicine, who come in groups for a two weeks' clinical clerkship; internes from the University of Iowa school of hospital administration make an annual field trip to Oakdale. Lay groups from county tuberculosis associations come to spend a day, when a formal program is presented for their enlightenment. Residents from the departments of Internal Medicine and Otolaryngology at University Hospitals have a rotation service through this hospital.

Specialized skills and services are used whenever possible. We are acutely aware of the potentialities for social and other gains through extension of our services to the patient. Occupational therapy is extremely important and is emphasized. It is prescribed for the patient by his doctor and it is directed by a trained occupational therapist. **Occupational** refers to the occupation of the mind and body, not to the work accomplished. **Therapy** means treatment. Work is laid aside at the first sign of fatigue or worry. We find that it is wisest for the patient to choose a project or hobby completely unrelated to his "when well" type of work. For example, a school teacher might tie "flies" for fishing.

Vocational rehabilitation counselling provided by the State Vocational Division of Rehabilitation is a valued assistance. Economic factors which accompany all ill health are intensified in TB, because it is both a chronic and communicable disease. Plans need to be made for the patient's future long before he is on exercise preceding discharge.

ACTIVITIES FOR PATIENTS

Religious and recreational advantages have been afforded our patients. Catholic and Protestant services are held each Sunday, also a mid-week prayer gathering. Ambulatory patients play lawn croquet. On occasion a picnic is held in the shelter-house. Baseball games on the local diamond are played by outside teams. There is a weekly movie. Band concerts, entertainments provided by Cedar Rapids and Iowa City musicians' union locals, organ recitals, barbershop quartet appearances are much enjoyed. Recently patients, who have a flair for drama, have practiced and put on a home talent show for the others.

For thirty years the University of Iowa Y. W. C. A. has twice a month provided programs on the wards.

Television is a wonderful help in making the days less monotonous We are again indebted to the State Elks association who have given three more television sets for the patients.

FINANCES OF THE STATE SANATORIUM

Report of the Secretary regarding Receipts and Disbursements of all Funds from July 1, 1952 to June 30, 1953

MILO D. WYNN, Secretary and Treasurer

SUPPORT FUND

BALANCES			
Amount on hand July 1, 1952		$ 10,243.65	
Petty Cash		200.00	
		$ 10,443.65	
RECEIPTS			
Appropriation, S.S.M. & M.	$760,000.00		
Sales and Misc. Income	108,777.57		
Refund of Expense	13,553.92	$882,331.49	
Total Balances and Receipts			$892,775.14
ITEMIZED EXPENDITURES			
Administrative:			
Salaries	$ 31,580.90		
I.O.A.S.I.	1,082.00		
Office Supplies and Stationery	2,239.43		
Postage	684.28		
Telephone and Telegraph	2,243.94		
Travel Expense	254.18		
Repairs	447.58		
Miscellaneous	225.92		
Equipment	898.00	$ 39,656.23	
Medical Service:			
Salaries	$165,718.61		
I.O.A.S.I.	7,292.18		
Drugs and Pharmaceuticals	39,277.21		
Medical and Surgical Supplies	8,501.88		
X-Ray Supplies	7,919.58		
Dental Supplies	653.88		
Laboratory Supplies	2,407.13		
Repairs	571.86		
Travel Expense	53.41		
Library, Amusement and Education	335.00		
Membership Dues and Subscriptions	60.00		
Miscellaneous	79.61		
Equipment	3,143.18		
Anesthesia Service	3,000.00	$239,013.53	
Dietary:			
Salaries	$ 80,916.01		
I.O.A.S.I.	3,983.63		
Foodstuffs	231,358.97		
Kitchen and Dining Room Supplies	14,022.81		
Butcher Shop Supplies	66.03		
Pasteurizing Plant Supplies	1,525.12		
Garden Supplies	92.90		
Farm Labor and Equipment Rental	834.52		
Repairs	658.76		
Miscellaneous	31.00		
Equipment	4,781.54	$338,271.29	

Housekeeping and Laundry:			
Salaries	$ 70,591.31		
I.O.A.S.I.	3,400.71		
Janitor Supplies	6,453.09		
Housekeeping Supplies	674.42		
Textiles	7,865.81		
Laundry Supplies	2,997.70		
Repairs	2,115.10		
Miscellaneous	19.23		
Equipment	28.57	$ 94,145.94	
Buildings and Grounds:			
Salaries	$ 63,333.76		
I.O.A.S.I.	2,875.20		
Fuel	47,202.85		
Utilities	13,389.27		
Repair to Buildings and Improvements	21,652.57		
Repair to Equipment	5,878.53		
Repair to Autos and Trucks	962.20		
Maintenance Materials and Supplies	860.07		
Shop Tools and Supplies	606.53		
Gasoline and Oil	1,467.63		
Farm Labor and Eqmipment Rental	3,924.31		
Greenhouse and Lawn Supplies	1,182.96		
Miscellaneous	37.70		
Equipment	9,723.50	$173,097.08	
Total S. S. M. & M. Expenditures			$884,184.07
Balance including Petty Cash Fund			$ 8,591.07
Less: Funds Reverted			8,591.07
SUPPORT FUND BALANCE JUNE 30, 1953			None

REPAIRS, REPLACEMENTS AND ALTERATIONS

BALANCES			
Amount on hand July 1, 1952	$ 71.18		
RECEIPTS			
Appropriation 54 G.A.	$ 10,000.00		
Transferred from I. S. T. College	87,500.00		
Total Balance and Receipts		$ 97,571.18	
EXPENDITURES			
Departmental Equipment	$ 10,051.28		
Utility Improvements	64,975.54	$ 75,026.82	
Less: Funds Reverted		19.90	
R. R. & A. BALANCE JUNE 30, 1953			*$ 22,524.46

BUILDING AND SPECIAL FUNDS

Balances July 1, 1952	$ 10,230.18		
Receipts—Treasurer of State	3,649.52		
Total Balance and Receipts		$ 13,879.70	
EXPENDITURES			
H. F. 447—Laundry Equipment	$ 116.70		
B & F C C Order #54-29	1,961.94		
51st G. A. Additions to Hospital	3,627.10		
Total Expenditures Building and Special		$ 5,705.74	
Balance—Buildings and Special June 30, 1953			$ 8,173.96
TOTAL BALANCE IN BANK JUNE 30, 1953			$ 30,698.42

* Transferred from I. S. T. C. for Utility Improvements.

BALANCES WITH STATE TREASURER

Support Fund:			
Balance July 1, 1952	$768,000.00		
State Warrants	768,000.00		
Balance June 30, 1953			None
Repairs, Replacements and Alterations:			
Balance July 1, 1952	$ 97,500.00		
State Warrants	97,500.00		
Balance June 30, 1953			None
Building and Special Funds:			
Balance July 1, 1952	$ 1,017.33		
Fire Damage—B & FCC Order #29-54	2,000.00		
Sales Tax Refunds	1,649.52	$ 4,666.85	
State Warrants		3,649.52	
Balance July 1, 1953			$ 1,017.33

BALANCES WITH SANATORIUM TREASURER

Support Fund Balance June 30, 1953	None
R. R. & A. Balance June 30, 1953	*$ 22,524.46
Building and Special Fund Balance June 30, 1953	8,173.96
BALANCE ALL FUNDS IN BANK & WITH STATE TREASURER June 30, 1953	$ 31,715.75

SEMI-RESTRICTED FUNDS

FARM AND DAIRY

BALANCES			
Amount on hand July 1, 1952		$ 9,603.19	
RECEIPTS			
Appropriation	None		
Sales and Collections	$ 70,591.34	$ 70,591.34	
Total Balances and Receipts			$ 80,194.53
ITEMIZED EXPENDITURES			
Salaries	$ 23,798.68		
I. O. A. S. I.	1,032.26		
Employees Room and Board	4,389.03		
Feed and Straw	15,593.96		
Fertilizer and Spray Materials	598.25		
Gasoline, Oils, Tires and Tubes	973.59		
Livestock Purchases	2,815.00		
Materials and Supplies	742.11		
Registration Fees and Testing	518.25		
Repairs—Machinery and Equipment	1,066.72		
Trees, Seeds, Bulbs and Plants	688.79		
Veterinary Fees and Medicine	116.93		
Miscellaneous	534.55		
Land Rental (General Institution)	5,100.00		
Labor from Institution	1,560.39		
Farm Machinery and Implements	340.54		
Total Expenditures			$ 59,869.05
FARM AND DAIRY BALANCE JUNE 30, 1953			$ 20,325.48

* Transferred from I. S. T. C. for Utility Improvements.

SANATORIUM ACTIVITIES FUND

BALANCES			
Amount on hand July 1, 1952		$ 9,946.65	
RECEIPTS			
Sales—Canteen	$ 45,094.12		
Sales—Newspapers and Magazines	8,768.15		
Sales—Stethoscope Ads and Subs	1,218.30		
Donations—Gifts Received	1,479.75	$ 56,560.32	
Total Balances and Receipts			$ 66,506.97
ITEMIZED EXPENDITURES			
Salaries	$ 1,546.45		
Stationery and Office Supplies	47.79		
Postage	50.86		
Printing	1,063.97		
Purchases—Canteen	38,030.00		
Purchases—News Agency	7,013.35		
Luxury Tax on Sales	316.76		
Cigarette Bond and License	103.00		
Telephone and Telegraph	18.15		
Repair of Equipment	17.74		
Equipment—Canteen	1,907.16		
Welfare of Patients, Misc.	4,159.80		
Donations—Equipment	1,268.91		
Total Expenditures			$ 55,543.94
ACTIVITIES FUND BALANCE JUNE 30, 1953			$ 10,963.03

CHRISTMAS SEAL FUND

BALANCES			
Amount on hand July 1, 1952		$ 1,855.95	
RECEIPTS			
Allocation From Johnson C. T. B. Assn.	$ 700.00		
Collections for TV Services	527.00		
Donations	11.50		
Christmas Seal Sales	558.66	$ 1,797.16	
Total Balances and Receipts			$ 3,653.11
EXPENDITURES			
Departmental Equipment	$ 95.65		
Radio Supplies	606.90		
Hospital License	10.00		
Books	76.83		
Johnson Co. Public Health	558.66		
State Fair Exhibition Expense	198.51		
Miscellaneous	157.39		
Total Expenditures			$ 1,703.94
CHRISTMAS SEAL FUND BALANCE JUNE 30, 1953			$ 1,949.17

OCCUPATIONAL THERAPY FUND

BALANCES			
Amount on hand July 1, 1952		$ 3,492.48	
RECEIPTS			
Sales		$ 6,892.30	
Total Balances and Receipts			$ 10,384.78
ITEMIZED EXPENDITURES			
Stationery and Office Supplies	$ 55.12		
Convention Expense	39.75		
Materials for Equipment	400.84		
Postage	5.34		
Materials and Supplies	5,990.92		
Departmental Equipment	207.57		
Total Expenditures			$ 6,699.54
O. T. FUND BALANCES JUNE 30, 1953			$ 3,685.24

RECAPITULATION SEMI-RESTRICTED FUNDS BALANCES

Farm and Dairy	$ 20,325.48	
Sanatorium Activities	10,963.03	
Christmas Seal Fund	1,949.17	
Occupational Therapy Fund	3,685.24	
Total Semi-Restricted Fund Balance		$ 36,922.92

REPORT OF TREASURER
STATE SANATORIUM
Receipts and Disbursements of Support, R.R. & A., Building and Special Funds from July 1, 1952 to June 30, 1953
MILO D. WYNN, Treasurer

	Balance July 1, 1952	Receipts	Expenditures	Balance June 30, 1953
Petty Cash	$ 200.00			
Support Fund	10,243.65	$882,331.49	$892,775.14	None
Repairs, Replacements and Alterations	71.18	97,500.00	75,046.72	$ 22,524.46*
Buildings and Special Funds	10,230.18	3,649.52	5,705.74	8,173.96
TOTALS	$ 20,745.01	$983,481.01 $ 20,545.01	$973,527.60	$ 30,698.42

REPORT OF TREASURER
STATE SANATORIUM
Receipts and Disbursements of Semi-Restricted Funds From July 1, 1952 to June 30, 1953

	Balance July 1, 1952	Receipts	Expenditures	Balance June 30, 1953
Farm and Dairy	$ 9,603.19	$ 70,591.34	$ 59,869.05	$ 20,325.48
Sanatorium Activities Fund	9,946.65	56,560.32	55,543.94	10,963.03
Christmas Seal Fund	1,855.95	1,797.16	1,703.94	1,949.17
Occupational Therapy	3,492.48	6,892.30	6,699.54	3,685.24
TOTALS	$ 24,898.27	$135,841.12 $ 24,898.27	$123,816.47	$ 36,922.92

* Transferred from I. S. T. C. for Utility Improvements.

FINANCES OF THE STATE SANATORIUM

Report of the Secretary Regarding Receipts and Disbursements of All Funds from July 1, 1953 to June 30, 1954

MILO D. WYNN, Secretary and Treasurer

SUPPORT FUND

BALANCES			
Amount on hand July 1, 1953		$ -200.00	
Petty Cash		200.00	
		None	
RECEIPTS			
Appropriation, S. S. M. & M.	$773,480.00		
Sales and Misc. Income	118,029.03		
Refund of Expense	13,999.42	$905,508.45	
Total Balances and Receipts			$905,508.45
ITEMIZED EXPENDITURES			
Administrative:			
Salaries	$ 35,361.94		
I. P. E. R. S.	1,134.05		
F. O. A. B.	524.09		
Office Supplies and Stationery	2,497.76		
Postage	1,299.43		
Telephone and Telegraph	2,217.73		
Travel Expense	314.66		
Repairs	615.51		
Miscellaneous	378.98	$ 44,344.15	
Medical Service:			
Salaries	$177,012.53		
I. P. E. R. S.	5,840.08		
F. O. A. B.	3,053.29		
Drugs and Pharmaceuticals	32,963.11		
Medical and Surgical Supplies	7,673.60		
X-Ray Supplies	6,241.11		
Dental Supplies	596.07		
Laboratory Supplies	2,056.97		
Repairs	660.97		
Travel Expense	94.59		
Library, Amusement and Education	366.36		
Membership Dues and Subscriptions	101.40		
Miscellaneous	379.92		
Anesthesia Service	3,000.00	$240,040.00	
Dietary:			
Salaries	$ 87,642.86		
I. P. E. R. S.	2,942.45		
F. O. A. B.	1,611.12		
Foodstuffs	228,540.37		
Kitchen and Dining Room Supplies	14,818.42		
Butcher Shop Supplies	189.35		
Pasteurizing Plant Supplies	1,522.85		
Garden Supplies	207.74		
Farm Labor and Equipment Rental	632.40		
Repairs	775.20		
Miscellaneous	264.21	$339,146.97	
Housekeeping and Laundry:			
Salaries	$ 75,002.81		
I. P. E. R. S.	2,528.25		
F. O. A. B.	1,368.44		
Janitor Supplies	6,635.43		
Housekeeping Supplies	976.62		
Textiles	7,180.83		
Laundry Supplies	3,616.35		
Repairs	646.63		
Miscellaneous	333.08	$ 98,288.44	
Buildings and Grounds:			
Salaries	$ 67,246.71		
I. P. E. R. S.	2,242.17		
F. O. A. B.	1,221.58		
Fuel	44,330.68		
Utilities	16,508.13		
Repair to Buildings and Improvements	14,177.72		
Repair to Equipment	6,804.96		
Repair to Autos and Trucks	551.60		
Maintenance Materials and Supplies	1,754.82		
Shop Tools and Supplies	817.46		
Gasoline and Oil	1,753.43		
Farm Labor and Equipment Rental	2,871.76		
Greenhouse and Lawn Supplies	764.22		
Miscellaneous	1,997.01	$163,042.25	
Accounts Receivable		80.04	
Total S. S. M. & M. Expenditures			$884,941.85
SUPPORT FUND BALANCE JUNE 30, 1954			$ 20,566.60

REPAIRS, REPLACEMENTS, ALTERATIONS AND EQUIPMENT

BALANCES			
Amount on hand July 1, 1953	$ 22,524.46		
RECEIPTS			
Appropriation 55 G. A.	$ 20,500.00		
Sales Tax Refund	454.95		
Total Balance and Receipts		$ 43,479.41	
EXPENDITURES			
Departmental Equipment	$ 13,852.01		
Repairs to Buildings and Improvements	2,569.67		
Roads	2,841.13		
Utility Improvements	12,262.63		
Total Expenditures		$ 31,525.44	
R. R. A. & E. BALANCE JUNE 30, 1954			$ 11,953.97

BUILDING AND SPECIAL FUNDS

Balances July 1, 1953	$ 8,173.96		
Receipts—Treasurer of State	114,622.66		
Total Balance and Receipts		$122,796.62	
EXPENDITURES			
H. F. 447—Laundry Equipment	$ 98.90		
B & F CC Order #54-29 Refund to General Fund	38.06		
Sales Tax Refund—Pasteurizing Plant Equipment	6,048.91		
7-2-3-2-53 Corn Cribs	518.00		
7-2-4-2A-55 Completion of Addition to Bldg. 52	80,627.28		
7-2-4-3A-55 Automobiles and Trucks	2,906.71		
7-2-4-4A-55 Repairs to Plumbing, Heating and Electric Lines	5,668.61		
7-2-4-5A-55 Pointing, Caulking and Waterproofing Brick Buildings	4,936.18		
Total Expenditures		$100,842.65	
BUILDING AND SPECIAL FUNDS BALANCE			$ 21,953.97
TOTAL BALANCE IN BANK JUNE 30, 1954			$ 54,474.54

BALANCES WITH STATE TREASURER

Support Fund:			
Balance July 1, 1953	$853,480.00		
State Warrants	773,480.00		
Balance June 30, 1954			$ 80,000.00
Repairs, Replacements and Alterations:			
Balance July 1, 1953	$ 20,500.00		
State Warrants	20,500.00		
Balance June 30, 1954			None
Building and Special Funds:			
Balance July 1, 1953	$ 1,017.33		
7-2-4-1-55 Elevated Storage Tank	46,000.00		
7-2-4-2-55 Completion of Addition to Building 52	150,900.00		
7-2-4-3-55 Automobiles and Trucks	6,000.00		
7-2-4-4-55 Repairs—Plumbing, Heating & Electric Lines	12,000.00		
7-2-4-5-55 Pointing, Caulking and Waterproofing	10,000.00		
Sales Tax Refund	39.30	$225,956.63	
State Warrants		114,622.66	
Balance June 30, 1954			$111,333.97

BALANCES WITH SANATORIUM TREASURER

Support Fund Balance June 30, 1954	$ 20,566.60
R. R. & A. Balance June 30, 1954	$ 11,953.97
Building and Special Fund Balance June 30, 1954	$ 21,953.97
BALANCE ALL FUNDS IN BANK AND WITH STATE TREASURER JUNE 30, 1954	$245,808.51

SEMI-RESTRICTED FUNDS

FARM AND DAIRY

BALANCES			
Amount on hand July 1, 1953		$ 20,325.48	
RECEIPTS			
Appropriation	None		
Sales and Collections	$ 60,515.63	$ 60,515.63	
Total Balances and Receipts			$ 80,841.11
ITEMIZED EXPENDITURES			
Salaries	$ 23,346.17		
I. P. E. R. S.	750.97		
F. O. A. B.	422.12		
Employees Room and Board	4,133.88		
Feed and Straw	13,228.25		
Fertilizer and Spray Materials	146.78		
Gasoline, Oils, Tires and Tubes	945.09		
Livestock Purchases	566.00		
Materials and Supplies	575.19		
Registration Fees and Testing	1,027.15		
Repairs—Machinery and Equipment	1,177.57		
Trees, Seeds, Bulbs and Plants	709.77		
Veterinary Fees and Medicine	1,185.85		
Miscellaneous	112.70		
Land Rental (General Institution)	5,100.00		
Labor from Institution	1,343.94		
Farm Machinery and Implements	1,541.57		
Total Expenditures			$ 56,313.00
FARM AND DAIRY BALANCE JUNE 30, 1954			$ 24,528.11

SANATORIUM ACTIVITIES FUND

BALANCES			
Amount on hand July 1, 1953		$ 10,963.03	
RECEIPTS			
Sales—Canteen	$ 42,907.38		
Sales—Newspaper and Magazines	7,860.10		
Sales—Stethoscope Ads and Subs	1,181.15	$ 51,948.63	
Total Balances and Receipts			$ 62,911.66
ITEMIZED EXPENDITURES			
Salaries	$ 1,362.00		
Stationery and Office Supplies	40.79		
Postage	48.29		
Printing	977.03		
Purchases—Canteen	34,675.95		
Purchases—News Agency	6,284.98		
Luxury Tax on Sales	456.60		
Cigarette Bond and License	53.00		
Telephone and Telegraph	13.90		
Equipment—Canteen	461.31		
Welfare of Patients, Misc.	2,480.09		
Donations—Equipment	2,613.68		
Transferred to Gifts and Donations Fund	562.14		
Total Expenditures			$ 50,029.76
ACTIVITIES FUND BALANCE JUNE 30, 1954			$ 12,881.90

CHRISTMAS SEAL FUND

BALANCES			
Amount on hand July 1, 1953		$ 1,949.17	
RECEIPTS			
Allocation from Johnson Co. T. B. Assn.	$ 700.00		
Collections for TV Services	512.50		
Donations	10.00		
Christmas Seal Sales	491.36		
Stipend for Lectures	500.00		
Miscellaneous	.50	$ 2,214.36	
Total Balances and Receipts			$ 4,163.53
EXPENDITURES			
Johnson Co. Public Health	$ 491.36		
Stipend for Lectures	250.00		
Radio and TV Repairs	1,509.62		
State Fair Expense	174.12		
Honorariums	70.00		
Hospital License	10.00		
Books, Magazines, and Journals	36.38		
Repairs to Projector	91.52		
Departmental Equipment	1,145.00		
Miscellaneous	59.53		
Total Expenditures			$ 3,837.53
CHRISTMAS SEAL FUND BALANCE JUNE 30, 1954			$ 326.00

OCCUPATIONAL THERAPY FUND

BALANCES			
Amount on hand July 1, 1953		$ 3,685.24	
RECEIPTS			
Sales		$ 6,796.72	
Total Balances and Receipts			$ 10,481.96
ITEMIZED EXPENDITURES			
Stationery and Office Supplies	$ 23.36		
Postage	4.43		
Materials and Supplies	5,109.78		
Convention Expense	246.63		
Miscellaneous	18.79		
Departmental Equipment	512.43		
Transferred to Gifts and Donations Fund	614.15		
Total Expenditures			$ 6,529.57
O. T. FUND BALANCES JUNE 30, 1954			$ 3,952.39

GIFTS AND DONATIONS FUND

BALANCES			
Amount on hand July 1, 1953		None	
RECEIPTS			
Transferred from Sanatorium Activities Fund	$ 562.14		
Transferred from Christmas Seal Fund	614.15		
Gifts	500.00	$ 1,676.29	
Total Balances and Receipts			$ 1,676.29
ITEMIZED EXPENDITURES			
Rehibilitation Supplies			$ 25.77
GIFTS & DONATIONS FUND BALANCE JUNE 30, 1954			$ 1,650.52

RECAPITULATION SEMI-RESTRICTED FUNDS BALANCES

Farm and Dairy	$ 24,528.11	
Sanatorium Activities	12,881.90	
Christmas Seal Fund	326.00	
Occupational Therapy Fund	3,952.39	
Gifts and Donations	1,650.52	
Total Semi-Restricted Fund Balance		$ 43,338.92

REPORT OF TREASURER
STATE SANATORIUM
Receipts and Disbursements of Support, R. R. & A., Building and Special Funds
From July 1, 1953 to June 30, 1954
MILO D. WYNN, Treasurer

	Balance July 1, 1953	Receipts	Expenditures	Balance June 30, 1954
Petty Cash	$ 200.00	$ 25.00		$ 225.00
Support Fund	-200.00	905,483.45	$ 884,941.85	20,341.60
Repairs, Replacements and Alterations	22,524.46	20,954.95	31,525.44	11,953.97
Buildings and Special Funds	8,173.96	114,622.66	100,842.65	21,953.97
TOTALS	$ 30,698.42	$1,041,086.06	$1,017,309.94	$ 54,474.54

STATE SANATORIUM
RECEIPTS & DISBURSEMENTS OF SEMI-RESTRICTED FUNDS
FROM JULY 1, 1952 to JUNE 30, 1953

	Balance July 1, 1953	Receipts	Expenditures	Balance June 30, 1954
Farm and Dairy	$ 20,325.48	$ 60,515.63	$ 56,313.00	$ 24,528.11
Sanatorium Activities	10,963.03	51,948.63	50,029.76	12,881.90
Christmas Seal Fund	1,949.17	2,214.36	3,837.53	326.00
Occupational Therapy	3,685.24	6,796.72	6,529.57	3,952.39
Gifts and Donations	None	1,676.29	25.77	1,650.52
TOTALS	$ 36,922.92	$ 123,151.63	$ 116,735.63	$ 43,338.92

NUMBER AND CLASSIFICATION OF EMPLOYEES
Monthly averages for Biennium, July 1, 1952 to June 30, 1954

	7/1/52-6/30/53		7/1/53-6/30/54	
	Part Time	Full Time	Part Time	Full Time
Administrative #110	3	12	3	12
Medical Service #120	3	85	3	82
Dietary #130	3	50	3	50
Household and Laundry #140	..	44	..	43
Buildings and Grounds #150	1	33	1	32
Total General	10	224	10	219
Farm and Dairy #470	2	11	2	10
Total Monthly Average	12	235	12	229

REPORT OF PATIENTS
July 1, 1952 to June 30, 1954

Patient population July 1, 1952	403	
Admissions during fiscal year	346	
Total under care during year		749
Discharges during year	310	
Deaths during year	43	
Total discharges and deaths		353
Patient population June 30, 1953		396
Patient population July 1, 1953	396	
Admissions during fiscal year	349	
Total under care during year		745
Discharges during year	349	
Deaths during year	27	
Total discharges and deaths		376
Patient population June 30, 1954		369
Average patient population for Biennium		386

SUMMARY OF INVENTORY
June 30, 1954

General Institution:		
Land 505.57 acres	$ 51,658.45	
Institutional Buildings and Improvements	2,260,266.09	
Departmental Equipment	401,144.15	
Supplies and Materials	89,328.37	
Total		$2,802,397.06
Farm and Dairy:		
Feed, Materials and Supplies	$ 4,577.40	
Livestock	22,270.60	
Total		$ 26,848.00
Sanatorium Activities:		
Merchandise		$ 4,067.13
Occupational Therapy Shop:		
Merchandise		$ 2,908.79
Total Inventory		$2,836,220.98

TRUST FUNDS AND INVESTMENTS
June 30, 1954

Name of Fund	Invested In	Issue Date	Bond Number	Maturity Value	Amount
Farm and Dairy	Accounts Receivable				$ 8.00
Sanatorium Activities	Petty Cash				160.00
	Accounts Receivable				1,325.66
	Savings Account				552.64
Occupational Therapy	Petty Cash				25.00
	Accounts Receivable				68.66
Christmas Seal Fund	U. S. Government Bonds	Nov. 1944	D588502F	$500.00	
		Nov. 1944	C581224F	100.00	
		Nov. 1944	C581225F	100.00	700.00
Total Trusts and Investments					$2,839.96

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